

Catalog

MagnaGear XTR[®] gear reducers Gearing



MagnaGear XTR[®] gear reducers

We provide motors, generators and mechanical power transmission products, services and expertise to improve customers' processes and optimize the total cost of ownership over the total life cycle of our products, and beyond.



MagnaGear XTR[®] gear reducers

Table of contents

| | |
|----|---|
| 4 | Features and benefits |
| 6 | Options and accessories |
| 7 | Mounting options |
| 10 | Nomenclature |
| 11 | Specifications |
| 12 | Selection guide |
| 15 | Recommended service factors |
| 17 | Thermal ratings adjustment factors |

Ratings

| | |
|----|----------------------------|
| 18 | Right angle shaft reducers |
| 24 | Parallel shaft reducers |

Part numbers

| | |
|----|-------|
| 32 | G100 |
| 34 | G150 |
| 36 | G210 |
| 38 | G285 |
| 40 | G390 |
| 42 | G525 |
| 44 | G600 |
| 46 | G700 |
| 48 | G920 |
| 50 | G1400 |
| 52 | G2100 |
| 54 | G3500 |

Dimensional drawings

| | |
|----|----------------------------|
| 56 | Right angle shaft reducers |
| 66 | Parallel shaft reducers |

MagnaGear XTR[®] gear reducers

Features and benefits

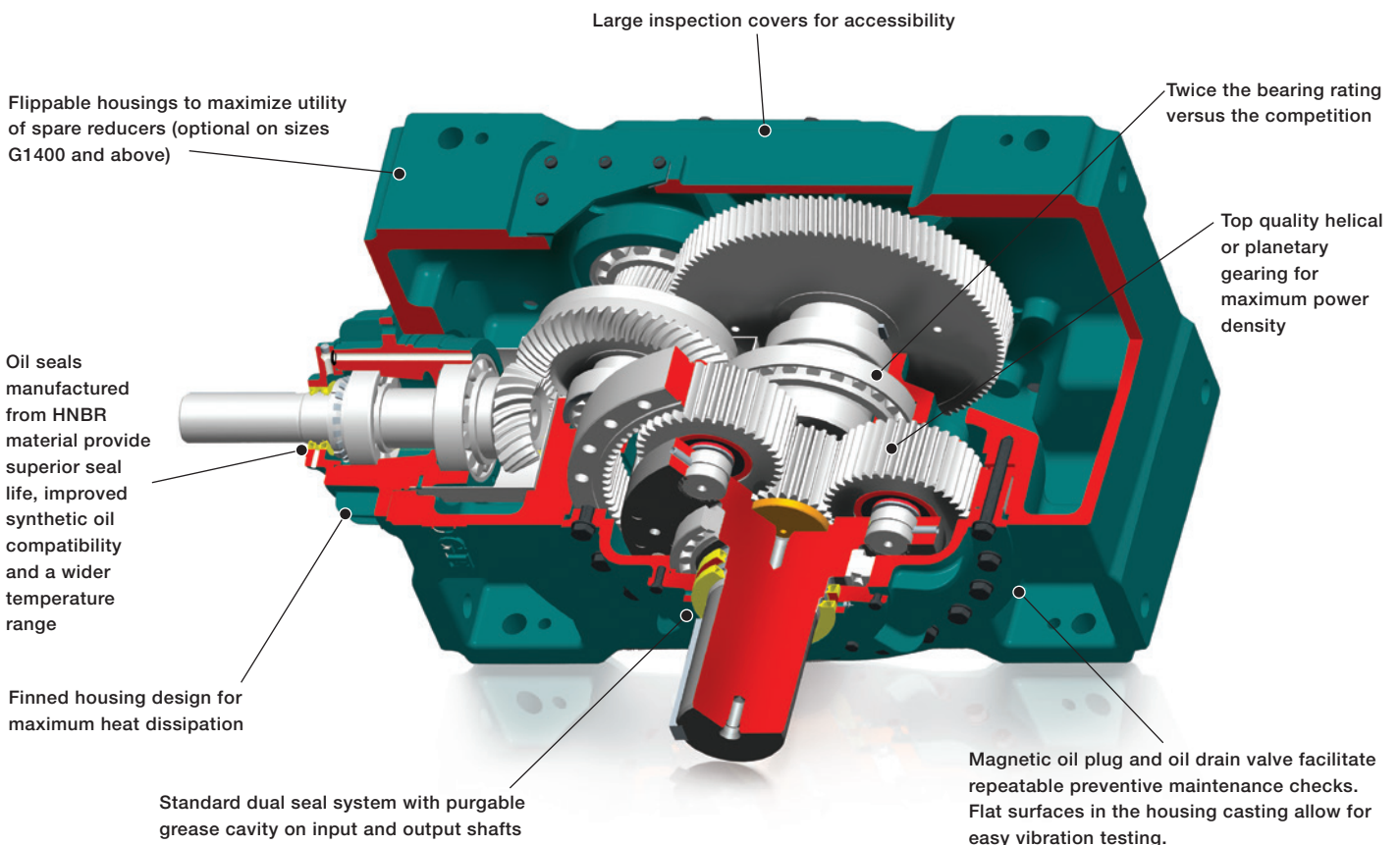


Built to perform

For decades, Dodge gear reducers have delivered reliability in the tough applications found in industries such as mining, aggregate and grain handling. Engineered with Dodge planetary and helical gearing designs, the MagnaGear XTR is an ideal solution for high torque applications in challenging environments. With design features like industry leading bearing ratings, standard dual seal systems and EP lubricant compatible backstops, the MagnaGear XTR is built to provide maximum uptime and long-term value.

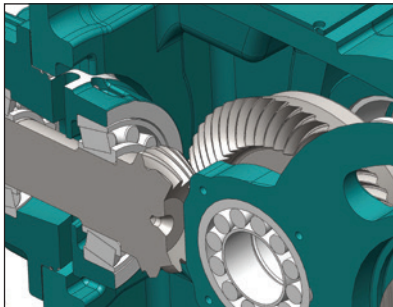
A powerful solution

With 12 case sizes, MagnaGear XTR reducers cover a torque range of 11,300 Nm to 395,000 Nm in a power dense design. Input ratings range from 20 kW to 3240 kW, making this reducer line well suited for a variety of high torque applications. The MagnaGear XTR also has hollow shaft capabilities to 200 mm and Dodge Moment Couplings can be used in shaft mounting applications up to a 465 mm diameter.



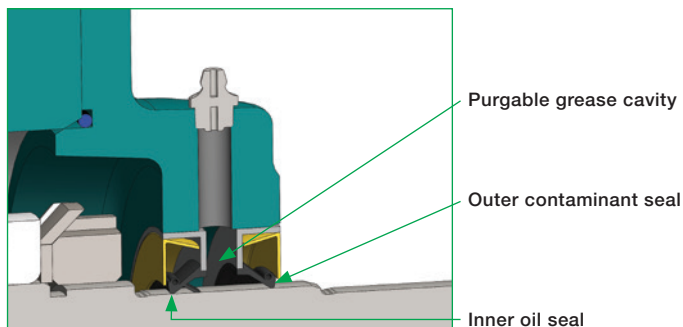
MagnaGear XTR[®] gear reducers

Features and benefits



Heavy-duty bearing design

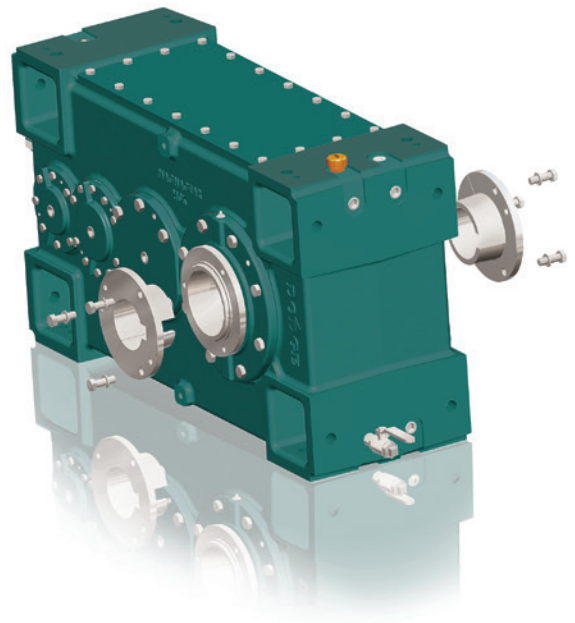
MagnaGear XTR reducers feature bearings with an unadjusted L-10 rating that is over twice that of most gear reducer manufacturers.



Dual seal system

All MagnaGear XTR reducers feature a dual seal system on both the input and output shafts. The inner seal keeps the oil inside the gear reducer. The outer seal keeps contaminants out. In addition, a purgable grease cavity between the seals creates another barrier to capture any contaminants before they can enter the reducer.

The oil seal is made from HNBR material, which offers a wide operating temperature range and excellent compatibility with today's synthetic oils.



Twin-tapered bushing shaft mounting system

The twin-tapered bushing system, patented in 1974, is available on MagnaGear XTR sizes G100 through G390, as well as the G600. It can be used to mount the reducer on shaft diameters from 60 mm to 200 mm.

This innovative system utilizes a tapered bore which allows for ease of installation and removal, even after the reducer has been in service for extended periods. Having a bushing on both sides of the reducer allows for maximum torque transmission and minimizes wobble. Twin-tapered bushings can be utilized on commercial grade shafts, which is an advantage over shrink disk systems that require extremely tight shaft tolerances.

Parallel

| MagnaGear XTR Model | Nm Torque rating | kW rating range | Hp rating range | Gear Ratio |
|---------------------|------------------|-----------------|-----------------|-------------|
| G100 | 11630 | 20 - 190 | 40 - 290 | 8:1 - 63:1 |
| G150 | 18750 | 40 - 300 | 60 - 460 | 8:1 - 63:1 |
| G210 | 25760 | 60 - 420 | 90 - 640 | 8:1 - 63:1 |
| G285 | 35810 | 90 - 610 | 140 - 930 | 8:1 - 63:1 |
| G390 | 49140 | 120 - 830 | 190 - 1270 | 8:1 - 63:1 |
| G525 | 64280 | 360 - 1040 | 560 - 1540 | 8:1 - 28:1 |
| G600 | 74340 | 190 - 1160 | 300 - 1720 | 8:1 - 63:1 |
| G700 | 83830 | 470 - 1450 | 730 - 2130 | 8:1 - 28:1 |
| G920 | 110270 | 630 - 1900 | 970 - 2840 | 8:1 - 28:1 |
| G1400 | 150660 | 590 - 1730 | 950 - 2810 | 12:1 - 40:1 |
| G2100 | 233130 | 910 - 2680 | 1470 - 4350 | 12:1 - 40:1 |
| G3500 | 389240 | 1530 - 3080 | 2470 - 5010 | 18:1 - 40:1 |

Right angle

| MagnaGear XTR Model | Nm Torque rating | kW rating range | Hp rating range | Gear Ratio |
|---------------------|------------------|-----------------|-----------------|-------------|
| G100 | 11630 | 20 - 120 | 40 - 190 | 12:1 - 63:1 |
| G150 | 18640 | 40 - 200 | 70 - 310 | 12:1 - 63:1 |
| G210 | 25640 | 60 - 280 | 100 - 430 | 12:1 - 63:1 |
| G285 | 35810 | 90 - 360 | 140 - 560 | 12:1 - 63:1 |
| G390 | 44510 | 110 - 430 | 170 - 660 | 12:1 - 63:1 |
| G525 | 68240 | 170 - 680 | 260 - 1010 | 12:1 - 63:1 |
| G600 | 78520 | 190 - 680 | 300 - 1010 | 12:1 - 63:1 |
| G700 | 89140 | 220 - 940 | 340 - 1380 | 12:1 - 63:1 |
| G920 | 117500 | 300 - 1200 | 460 - 1760 | 12:1 - 63:1 |
| G1400 | 153210 | 390 - 1860 | 600 - 2880 | 12:1 - 63:1 |
| G2100 | 237180 | 600 - 2790 | 940 - 4320 | 12:1 - 63:1 |
| G3500 | 396110 | 1030 - 3240 | 1600 - 5010 | 18:1 - 63:1 |

Approximate power ratings at 1.0 SF

Assumes 1750 RPM for Hp ratings and 1450 RPM for kW ratings

MagnaGear XTR[®] gear reducers

Options and accessories

Desiccant breather with filter

The Dodge desiccant breather delivers maximum protection for Dodge gearing operating in harsh environments. This breather protects lubricants from humidity and keeps out even the smallest particulates that can destroy the effectiveness of your reducer. The Hydra-Lock desiccant breather will reduce wear, extend oil and filter life and provide maximum value.

Foam pad

Reduces oil mist exhalation. Ensures outgoing air is evenly dispersed through the filters and desiccant.

Resilient polycarbonate body

Shock absorbing, clear casing provides reliable service and easy maintenance.

Desiccant material

Silica gel absorbs water from incoming air. Indicates condition by change of color from blue to pink.

Filter element

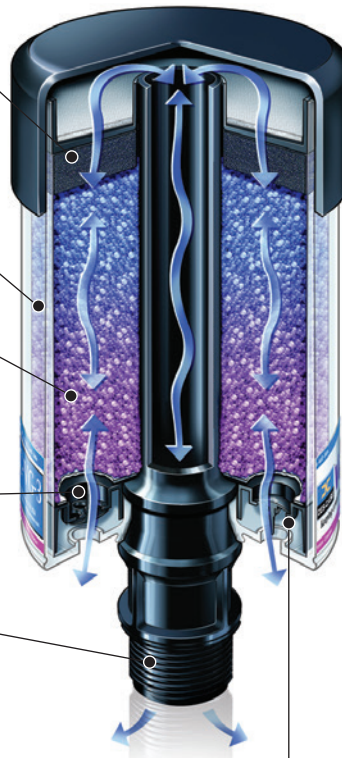
Patented polyester filter removes contamination to 3-micron.

Threaded mounting

Easily replaces standard filter/breather cap with one of several adapters.

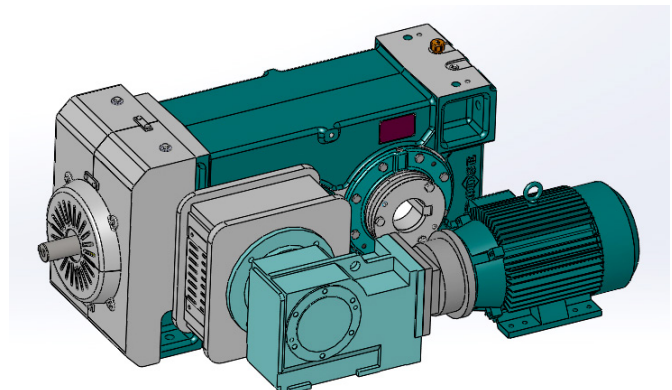
Interior Check Valve System

Provides system pressurization, protecting system integrity and reduction of particle contamination. Plugs keep unit inactive until use.



Inching drives

Inching drives allow the MagnaGear XTR to be operated at a lower than normal output speed (standard inching drive speed is 10% of normal output speed). A lower speed allows easy positioning of a conveyor belt or bucket elevator for inspection or repairs. In colder climates inching drives can be used to slowly move the entire system, preventing issues related to freezing equipment during times of non-production.



MagnaGear XTR[®] gear reducers

Mounting options

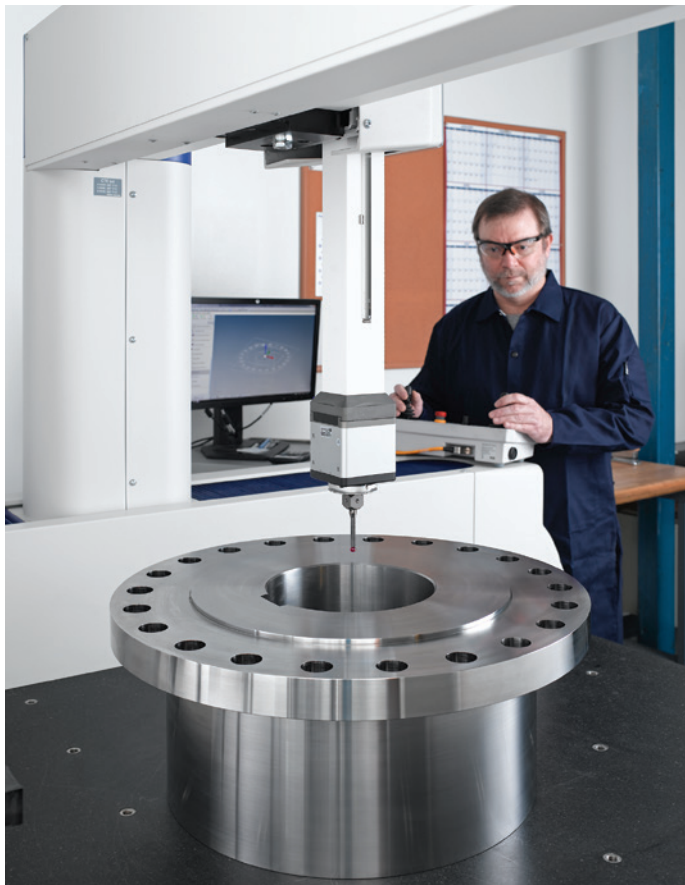
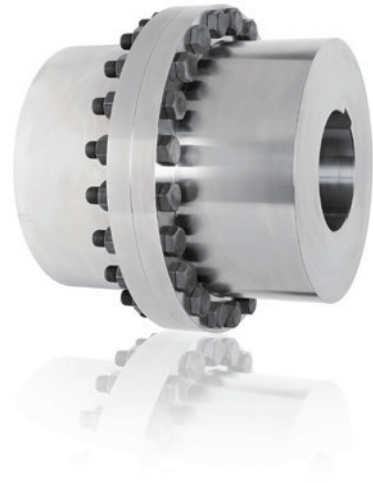
DM Moment couplings

Highly engineered for rigorous applications

Dodge DM Moment couplings are specifically designed to make the rigid connection between the output shaft of the MagnaGear XTR and driven equipment. Highly engineered to meet the most rigorous application requirements, these couplings are capable of handling both the required application torque and the bending moment forces of the suspended weight of the drive package.

A cost saving option

DM Moment couplings enable large gear boxes to become alignment-free drives, allowing customers to save money by eliminating the time consuming process of aligning a gearbox assembly to the head pulley shaft. These couplings also eliminate the expense associated with the additional structural fabrication required for base-mounted drives.



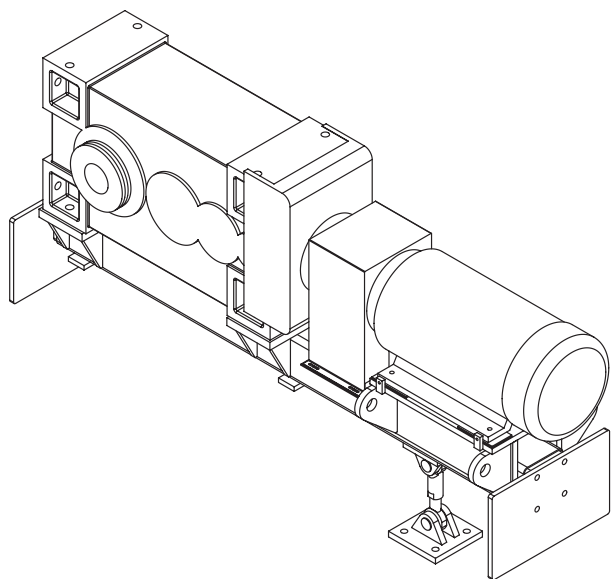
Moment couplings require tight tolerances and precision machining. Every Dodge DM Moment coupling is checked for 100% accuracy using a coordinate measurement machine (CMM).



The Dodge DM Moment coupling is specifically designed to make the rigid connection between the output shaft of the gearbox and driven equipment.

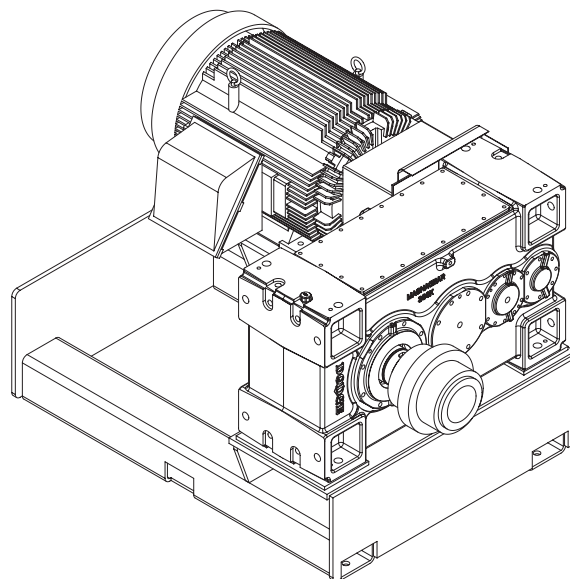
MagnaGear XTR[®] gear reducers

Mounting options



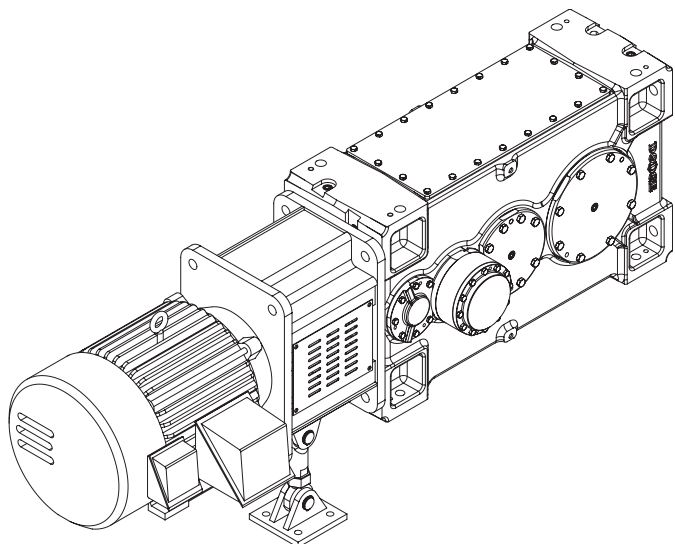
Swing bases

Swing bases are an ideal option for shaft mounting a MagnaGear XTR drive assembly. The swing base supports the foot mounted motor and drive coupling. The reducer is shaft mounted to the driven equipment using twin-tapered bushings or a Dodge Moment coupling. Each swing base is designed and fabricated to meet the exact drive requirements.



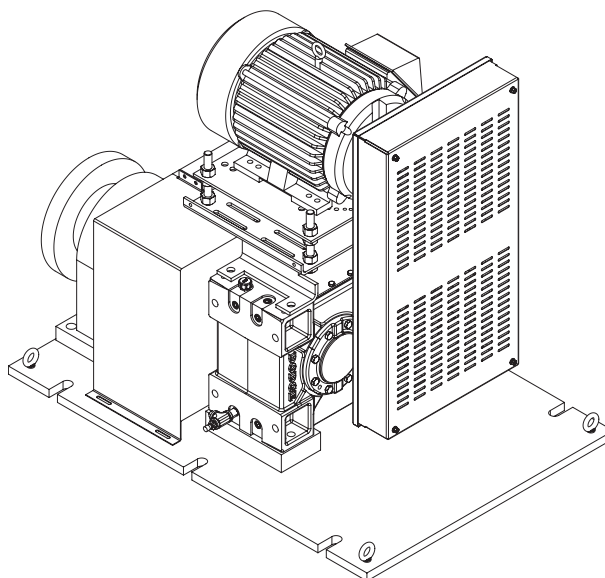
Solid bases

Solid bases allow the MagnaGear XTR reducer and motor to be mounted on a supporting structure. This eliminates the need for the driven equipment to support the drive.



Tunnel housings

Tunnel housings allow the drive motor to be flange mounted to the MagnaGear XTR in a shaft mount drive arrangement. The motor utilizes a B5 or a B14 flange to mount to the tunnel housing. The reducer is also mounted to the tunnel housing. The MagnaGear XTR is shaft mounted to the driven equipment using twin-tapered bushings or a Dodge Moment coupling. This convenient drive arrangement requires no shaft alignments.

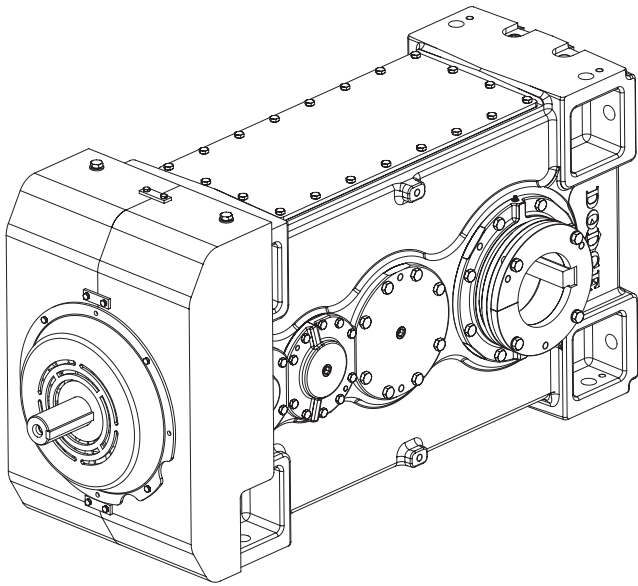


Top motor mounts

Top motor mounts provide a compact mounting arrangement when installation space is limited. The input motor is mounted on top of the MagnaGear XTR and a belted connection is used to the input shaft. The belt connection can provide additional ratio to the system if a lower output speed is required.

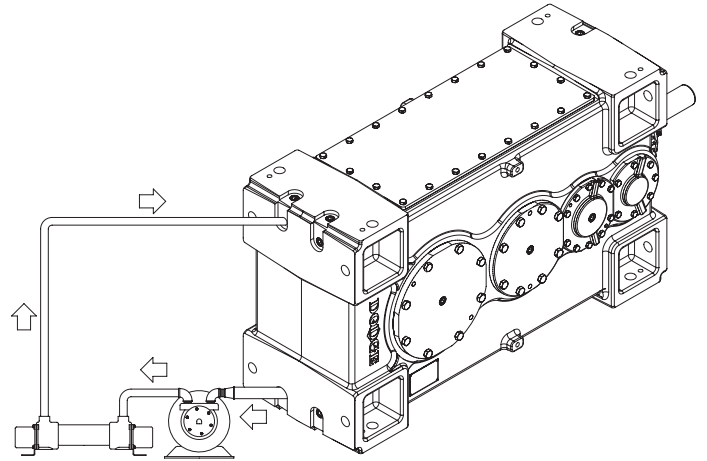
MagnaGear XTR[®] gear reducers

Mounting options



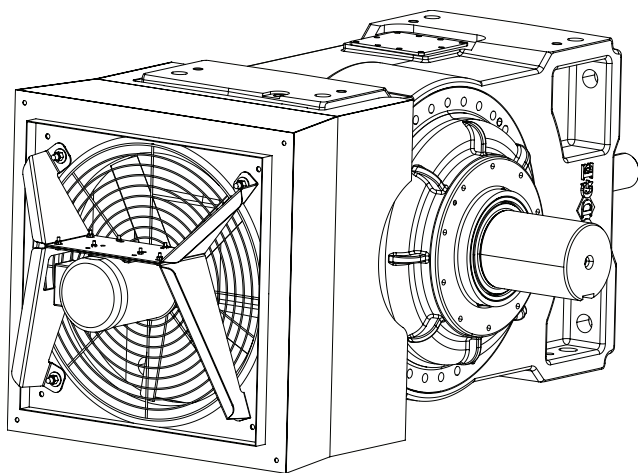
Shaft fans

Shaft fans are a convenient way to provide additional cooling to the gear reducer. Dual directional fans provide cooling in either direction of rotation. The uni-directional option provides more air flow, but can only be used in one direction of rotation.



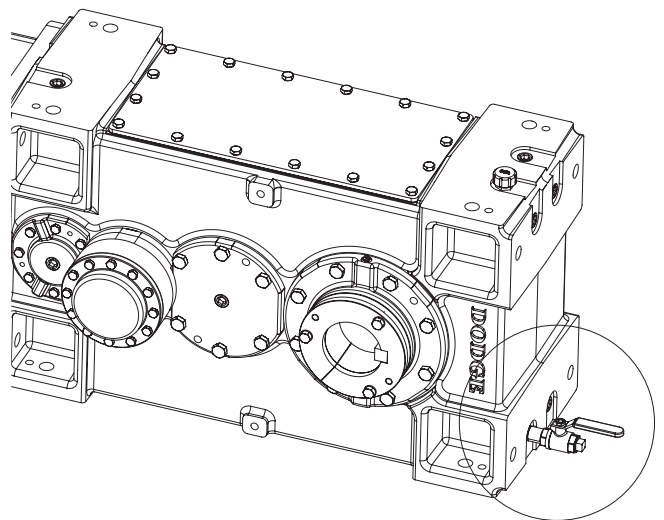
Heat exchangers

Heat exchanger packages can provide cooling for the toughest thermal applications. Heat exchanger packages are designed for the application requirements and are available in oil to air and oil to water options.



Electric fans

When additional cooling beyond a shaft fan is required, electric fans provide a significant increase in air flow. Electric fan motors are available in a wide variety of voltages. Thermocouples can easily be included with the MagnaGear XTR to monitor the reducer oil temperature.



Condition monitoring provisions

All MagnaGear XTR reducers include a magnetic drain plug and oil drain valve which are helpful when monitoring the condition of the reducer oil. Flat tabs are cast in the housings in strategic locations to make it easier to take consistent vibration measurements.

MagnaGear XTR[®] gear reducers

Nomenclature

| | | | | | | | | |
|--|---------------------|------------|----------|----------|----------|----------|-------------|--------------|
| | G | 525 | H | R | S | L | 3-25 | |
| Reducer designation | _____ | | | | | | _____ | RATIO |
| G | = MagnaGear XTR | | | | | | | 8 |
| Case size | _____ | | | | | | | 9 |
| 100 | | | | | | | | 10 |
| 150 | | | | | | | | 11.2 |
| 210 | | | | | | | | 12.5 |
| 285 | | | | | | | | 14 |
| 390 | | | | | | | | 16 |
| 525 | | | | | | | | 18 |
| 600 | | | | | | | | 20 |
| 700 | | | | | | | | 22.4 |
| 920 | | | | | | | | 25 |
| 1400 | | | | | | | | 28 |
| 2100 | | | | | | | | 31.5 |
| 3500 | | | | | | | | 35.5 |
| Reducer configuration | _____ | | | | | | | 40 |
| H | = Horizontal | | | | | | | 45 |
| Shaft configuration | _____ | | | | | | | 50 |
| R | = Right angle | | | | | | | 56 |
| P | = Parallel | | | | | | | 63 |
| Solid/hollow shaft | _____ | | | | | | | |
| S | = Solid | | | | | | | |
| H | = Hollow | | | | | | | |
| Left hand/right hand output shaft | _____ | | | | | | | |
| L | = Left hand output | | | | | | | |
| R | = Right hand output | | | | | | | |
| Gearing stages | _____ | | | | | | | |
| 2 | = 2 Stage | | | | | | | |
| 3 | = 3 Stage | | | | | | | |

Nomenclature example: **G525HRSL3-25**

MagnaGear XTR[®] gear reducers

Specifications

General specifications for MagnaGear XTR reducers to 395,000 Nm

MagnaGear XTR speed reducers are a 2 or 3 stage reduction in a parallel or right angle shaft configuration. Gearing type is helical, bevel helical and planetary. Output shaft is solid or hollow with a twin taper bushing. Mounting configurations include foot or shaft mounting and standard mounting accessories include solid base, swing base and tunnel housing. Cooling systems include a shaft mounted fan, electric fan or external cooling system with an oil to air or oil to water heat exchanger.

Gearing

MagnaGear XTR sizes G100 through G390 and G600 utilize helical or bevel helical gearing. Sizes G525 and G700 through G3500 utilize helical or bevel helical gearing with a planetary gear output.

Gear materials are a carburizing grade alloy steel which meets gear material grade MQ per ISO 6336. All gearing is case carburized to ensure a high surface durability and resilient tooth core for greater impact resistance and longer service life.

Bevel, helical, planet gears and sun pinion are ground after heat treating and carburizing to a ISO grade 6 standard which is equivalent to an AGMA A6 minimum quality level.

Castings

MagnaGear XTR housings for sizes G100 through G920 are constructed of Class 30 gray iron and are suitable for horizontal output shaft mounting on 4 sides

G100 through G920 housings are a mono-block construction. MagnaGear XTR sizes G525, G700 and G920 have oversized assembly covers for ease of maintenance. G100 through G920 housings include cast cooling fins for greater thermal horsepower capabilities.

MagnaGear XTR housings for sizes G1400 through G3500 are constructed of ASTM A36 steel or equivalent. Standard housings have one horizontal output shaft mounting position with an optional second mounting position to allow the reducer to be flipped 180 degrees.

G1400 through G3500 housings are a split case construction for ease of maintenance.

All housings include bolted end covers instead of bore plugs. Housings and assembly covers are precision matched to ensure proper gear alignment.

Pipe fittings and plugs are NPT.

Lubrication

Gearing is splash and dip lubricated. Bearings are lubricated by dip and by gravity feed. A pressure lubrication system may be required on sizes G1400 through G3500, depending on the application.

Mineral based EP oils are the preferred lubricant, suitable for operating temperatures up to 93°C as well as for low ambient temperatures down to -4°C. For applications outside this temperature range, synthetic lubricants which are suitable for operating temperatures up to 100°C as well as for low ambient temperatures down to -26°C may be used.

Recommended oil viscosity ISO grade is 220EP to 320EP, depending on output RPM and ambient temperature.

MagnaGear XTR reducers are compatible with rust and oxidation inhibiting (R&O) and polyalpha olefin (PAO) lubricants

Bearings

Bearings are spherical roller type on planetary gears, all others are tapered roller type.

Bearings ratings are based on a minimum unadjusted L-10 life of 5000 hours, providing a minimum 25,000 hour average life.

Sealing

Input and output shaft seals are a tandem radial lip arrangement. Between the tandem seals is a grease purge cavity.

Premium hydrogenated nitrile butadiene rubber (HNBR) oil seals are protected by an excluder lip auxiliary seal.

Shafts

MagnaGear XTR sizes G100 through G390 and G600 are available with a twin-tapered bushing hollow output shaft. The taper bushing is manufactured from ductile iron.

Shaft extensions are metric dimensions.

Backstops

Backstops are a centrifugal throw out, lift off design which eliminates sprag sliding and reduces wear. Backstops are integrally mounted on the input shaft of parallel MagnaGear XTR reducers or on the intermediate shaft of right angle reducers.

Backstops are lubricated by the oil in the reducer and are EP and synthetic oil compatible.

MagnaGear XTR[®] gear reducers

Selection guide – kilowatt method of selection

Step 1: Determine service factor

Refer to the recommended service factor tables on pages 15 and 16.

Step 2: Calculate equivalent kilowatt rating required

Multiply the actual kilowatts to be transmitted by the service factor obtained from step 1.

Step 3: Calculate required ratio

Divide the high speed shaft r/min by the low speed shaft r/min.

Step 4: Determine unit size and ratio

Refer to the kilowatt rating tables on page 18 for right angle and pages 24 and 25 for parallel. Find the correct reduction ratio in the left hand column. Select the row with the correct input speed and output speed in the next two columns, trace right on this row into the table and find the kilowatt rating equal to or greater than the equivalent kilowatts obtained from step 2.

Step 5: Check thermal ratings

Compare the actual kilowatts to be transmitted (without service factor) with the thermal kilowatt rating of the selected gear reducer by referring to the thermal kilowatt rating tables on pages 20 through 23 for right angle and pages 28 through 31 for parallel. If the actual transmitted kilowatts exceed the thermal capacity, a shaft driven auxiliary cooling fan, electric auxiliary cooling fan or a heat exchanger may be added to provide additional thermal capacity. In some cases, a larger reducer may be required.

Step 6: Check overhung and thrust loads

Consult your local ABB sales office if external thrust loads or overhung loads are present.

Step 7: Check dimensions

See applicable pages for dimensions, weights and part numbers.

Kilowatt method of selection example

A heavy-duty belt conveyor application requires the drive pulley to operate at 41 r/min. The electric motor which will be used to power the conveyor has a 110 kW rating and operates at 1500 r/min. The duty cycle is 24 hours per day. Ambient conditions at the installation site are a temperature of 30 degrees Celsius and an altitude of 1500 meters above sea level. A right angle shaft reducer suitable for shaft mounting is required.

Step 1: Determine service factor

From the recommended service factors table on page 15, locate "Conveyors heavy duty". "Belt" is one of the types of conveyors listed. Under the column titled "10+ Hrs. /day service" find the recommended service factor which is 1.50.

Step 2: Calculate equivalent power rating

Multiply the motor kilowatt rating by the service factor ($110 \times 1.50 = 165$) to get the equivalent rating of 165 kW.

Step 3: Calculate required ratio

Divide the high speed shaft r/min by the low speed shaft r/min ($1500 / 41 = 36.6$) to get the required ratio of 36.6:1.

Step 4: Determine unit size and ratio

Refer to the kilowatt ratings table for right angle shaft MagnaGear XTR reducers on page 18. The left column lists the available nominal ratios. Follow down the ratio column to the closest nominal ratio to the 36.6:1 required ratio and find 35.5:1. Find the row with a 1500 r/min input shaft speed and a 42 r/min output speed in the next two columns. Trace this row to the right until the kilowatt rating equals or exceeds the calculated equivalent rating of 165kW and find 194kW listed under a MagnaGear XTR G390 reducer.

MagnaGear XTR® gear reducers

Selection guide – kilowatt method of selection

Step 5: Check thermal ratings

Refer to the thermal kilowatt rating table for right angle MagnaGear XTR reducers with a 1500 r/min input speed and 20 degrees Celsius ambient temperature on page 21. The left column lists the available nominal ratios in groups.

Locate the group of ratios that includes a 35.5:1 ratio and find the thermal ratings for the MagnaGear XTR G390 reducer. Using the table for a 20 degrees Celsius ambient temperature, the thermal rating without a fan is 116 kW, the thermal rating with a shaft fan is 164 kW, the thermal rating with a uni-directional shaft fan is 214 kW and the thermal rating with an electric fan is 340 kW.

These ratings must be adjusted for the actual ambient conditions. From the MagnaGear XTR thermal rating adjustment factor tables on page 17, find the multipliers for a 30 degrees Celsius ambient temperature and a 1500 meter altitude. Note the factor for a 30 degrees Celsius ambient is 0.89 and the factor for a 1500 meter altitude is 0.90. (Interpolation can be used to determine factors for values between those listed in the tables). An additional factor for maximum allowable oil sump temperature is also provided.

To determine the actual thermal kilowatt capacity of the reducer, multiply the thermal rating from the thermal kilowatt rating table by the adjustment factors.

Actual thermal kW capacity with no fan = $116 \times 0.89 \times 0.90 = 93$ kW.
Since 93 kW is less than the input motor rating of 110 kW, the reducer does not have adequate thermal capacity with no fan.

Actual thermal kW capacity with a shaft fan = $164 \times 0.89 \times 0.90 = 131$ kW. Since 131 kW exceeds the input motor rating of 110 kW, a shaft fan will provide adequate cooling for this application.

Step 6: Check overhung and thrust loads

Consult your local ABB sales office if overhung or thrust loading exists.

Step 7: Find reducer and accessories

Refer to page 40 for Dodge MagnaGear XTR G390 right angle reducer part numbers. The part number for the hollow shaft reducer is 449492. The part number for the shaft fan is on page 41 and is 451526.

In order to shaft mount the reducer a twin tapered bushing kit is required. Page 41 gives these part numbers. A twin-tapered bushing kit part number 454137 would be used with a driven shaft diameter of 160 mm. The exact ratio of the reducer is given on the kilowatt ratings table on page 18 and is 36.351:1.

Step 8: Check accessories

Consult your local ABB office to confirm the availability of any accessories not listed.

MagnaGear XTR[®] gear reducers

Selection guide – torque method of selection

To begin the torque method of selection determine the service factor, equivalent torque, and unit size using the same steps as outlined for the kilowatt method. However, in step 4 refer to the torque tables on page 19 for right angle and pages 26 and 27 for parallel to determine the gear reducer size. In step 5, in order to check the thermal ratings, convert the required torque without service factor to kilowatts by using the following formula:

$$\text{Kilowatts} = \frac{\text{Torque X Low Speed Shaft r/min}}{9.5488}$$

and compare the computed results with the thermal kilowatt ratings table on pages 20 through 23 for right angle and pages 28 through 31 for parallel.

Torque method of selection example

Running 10 hours a day, a heavy duty bucket elevator requires 22.4 kNm of torque at 41 r/min. The input motor speed is 1000 r/min. Ambient conditions at the installation are 35 degrees Celsius ambient temperature and an altitude of 500 meters. A reducer with a parallel shaft arrangement is required.

Step 1: Determine service factor

From the recommended service factor table on page 15, locate "Elevators – bucket – heavy duty" and under the column headed "3-10 Hrs./Day Service" locate the recommended service factor which is 1.50.

Step 2: Calculate equivalent torque

Multiply the system torque of 22.4 kNm by the service factor of 1.50 (22.4 x 1.50 = 33.6) to get a 33.6 kNm equivalent torque.

Step 3: Calculate required ratio

Divide the high speed shaft r/min by the low speed shaft r/min (1000 / 41 = 24.4) to get the required ratio of 24.4:1.

Step 4: Determine unit size and ratio

Refer to the torque table for parallel MagnaGear XTR reducers on pages 26 and 27. The left column lists the available nominal ratios. Follow down the ratio column to the closest nominal ratio to the 24.4:1 required ratio and find 25:1. Find the row with a 1000 r/min input shaft speed and a 40 r/min output speed in the next two columns. Trace to the right in this row until the torque equals or exceeds the calculated equivalent torque of 33.6 kNm and find 34.8 kNm listed under a MagnaGear XTR G285 reducer.

Step 5: Check thermal ratings

In order to use the MagnaGear XTR thermal tables, the required torque value without service factor (22.4 kNm) must be converted to kilowatts:

$$\text{Kilowatts} = \frac{\text{Torque (kNm) X Low Speed Shaft r/min}}{9.5488}$$

$$\text{Kilowatts} = \frac{22.4 \times (1000/25)}{9.5488} = 94 \text{ kW}$$

Refer to the thermal kilowatt rating table for parallel MagnaGear XTR reducers with a 1000 r/min input speed and a 20 degrees Celsius ambient temperature on page 31. The left column lists the available nominal ratios in groups. Locate the group of ratios that includes a 25:1 ratio and find the thermal ratings for the MagnaGear XTR G285 reducer.

The thermal rating without a fan is 133 kW, the thermal rating with a shaft fan is 167 kW, the thermal rating with a uni-directional shaft fan is 218 kW and the thermal rating with an electric fan is 339 kW. These ratings must be adjusted for ambient conditions.

From the MagnaGear XTR thermal horsepower rating adjustment factor tables on page 17, find the adjustment multipliers for a 35 degrees Celsius ambient temperature and a 500 meter altitude. Note the factor for a 35 degrees Celsius ambient temperature is 0.84 and the factor for 500 meters of altitude is 1.00 (Interpolation can be used to determine factors for values between those listed in the tables). An additional factor for maximum allowable oil sump temperature is also provided.

To determine the actual thermal kW capacity of the reducer, multiply the thermal kW given in the table by the adjustment factors. Actual thermal kW capacity = 133 * 0.84 * 1.00 = 112 kW. Since 112 kW exceeds the calculated power required of 94 kW, no additional cooling is required for this application.

Step 6: Check overhung and thrust loads

Consult your local ABB sales office if overhung or thrust loading exists.

Step 7: Find reducer part number

Refer to page 38 to find the MagnaGear XTR G285 parallel shaft reducer with a 25:1 ratio. The part number for the reducer is 449417. The exact ratio of the reducer is given in the kW power ratings table on pages 24 and 25, and is 25.187:1.

Step 8: Check accessories

Include any accessories that may be required. In the case of an elevator application, a backstop is often specified. If a MagnaGear XTR with an integral backstop is required, refer again to page 38. The part number for the reducer is now 449426.

MagnaGear XTR® gear reducers

Recommended service factors

| Application | Service | |
|--|----------------|-------------|
| | 3 - 10 hrs/day | 10+ hrs/day |
| Agitators | | |
| Pure liquids | 1.00 | 1.25 |
| Liquids & solids | 1.25 | 1.50 |
| Liquids - variable Density | 1.25 | 1.50 |
| Apron conveyors | | |
| Uniformly loaded or fed | 1.00 | 1.25 |
| Heavy duty | 1.25 | 1.50 |
| Apron feeders | 1.25 | 1.50 |
| Assembly conveyors | | |
| Uniformly loaded or fed | 1.00 | 1.25 |
| Heavy duty | 1.25 | 1.50 |
| Ball mills | ▲ | ▲ |
| Barge haul pullers | 1.25 | 1.50 |
| Barking | | |
| Drums (coupling connected) | | 2.00 |
| Mechanical | | 2.00 |
| Bar screens (sewage) | 1.25 | 1.25 |
| Batchers (textile) | 1.25 | 1.50 |
| Belt conveyors | | |
| Uniformly loaded or fed | 1.00 | 1.25 |
| Heavy duty | 1.25 | 1.50 |
| Belt feeders | 1.25 | 1.50 |
| Bending rolls (Machine) | 1.25 | 1.50 |
| Blowers | | |
| Centrifugal | 1.00 | 1.25 |
| Lobe | 1.25 | 1.50 |
| Vane | 1.25 | 1.50 |
| Bottling machinery | 1.00 | 1.25 |
| Brewing & Distilling | | |
| Bottling machinery | 1.00 | 1.25 |
| Brew kettles, cont. duty | 1.25 | 1.25 |
| Can filling machines | 1.00 | 1.25 |
| Cookers - cont. duty | 1.25 | 1.25 |
| Mash Tubs - cont. duty | 1.25 | 1.25 |
| Scale hoppers - frequent starts | 1.25 | 1.50 |
| Brick press (clay working) | 1.75 | 2.00 |
| Briquette machines (clay working) | 1.75 | 2.00 |
| Bucket | | |
| Conveyors uniform | 1.00 | 1.25 |
| Conveyors heavy duty | 1.25 | 1.50 |
| Elevators cont. | 1.00 | 1.25 |
| Elevators uniform | 1.00 | 1.25 |
| Elevators heavy duty | 1.25 | 1.50 |
| Calendars | | |
| Rubber | | 1.50 |
| Textile | 1.25 | 1.50 |
| Cane knives | | 1.50 |
| Can filling machines | 1.00 | 1.25 |
| Card machines (textile) | 1.25 | 1.50 |
| Car dumpers | 1.75 | 2.00 |
| Car pullers | 1.25 | 1.50 |
| Cement kilns | ▲ | ▲ |
| Centrifugal | | |
| Blowers, compressors, | | |
| Discharge elevators, | | |
| Fans or pumps | 1.00 | 1.25 |
| Chain conveyors | | |
| Uniformly loaded or fed | 1.00 | 1.25 |
| Heavy duty | 1.25 | 1.50 |
| Chemical feeders (sewage) | 1.25 | 1.25 |
| Clarifiers | 1.00 | 1.25 |
| Classifiers | 1.25 | 1.50 |
| Clay working industry | | |
| Brick press | 1.75 | 2.00 |
| Briquette machines | 1.75 | 2.00 |
| Pug mills | 1.25 | 1.50 |
| Collectors (sewage) | 1.25 | 1.25 |
| Compressors | | |
| Centrifugal | 1.00 | 1.25 |
| Lobe | 1.25 | 1.50 |
| Reciprocating: | | |
| Multi-cylinder | 1.50 | 1.75 |
| Single cylinder | 1.75 | 2.00 |

| Application | Service | |
|---|----------------|-------------|
| | 3 - 10 hrs/day | 10+ hrs/day |
| Concrete mixers | | |
| Continuous | 1.25 | 1.50 |
| Intermittent | 1.25 | 1.50 |
| Conveyors - uniformly loaded or fed: | | |
| Apron assembly, belt, bucket, | | |
| Chain, flight, oven, screw | 1.00 | 1.25 |
| Conveyors - heavy duty | | |
| Not uniformly fed: | | |
| Apron, assembly, belt, bucket, | | |
| Chain, flight, oven, screw | 1.25 | 1.50 |
| Conveyors - severe duty | | |
| Live roll reciprocating | † | † |
| Shaker | 1.75 | 2.00 |
| Cookers (brewing, distilling), (food) | 1.25 | 1.25 |
| Cooling tower fans | † | † |
| Cranes | † | † |
| Crushers | | |
| Ore or stone | 1.75 | 2.00 |
| Sugar | | 1.50 |
| Dewatering screens (sewage) | 1.50 | 1.50 |
| Disc feeders | 1.00 | 1.25 |
| Distilling (see brewing) | | |
| Double acting pumps | | |
| 2 or more cylinders | 1.25 | 1.50 |
| Single cylinder | † | † |
| Dough mixer (food) | 1.25 | 1.50 |
| Draw bench (metal mills) carriage & main drive | 1.25 | 1.50 |
| Dredges | | |
| Cable reels, conveyors | 1.25 | 1.50 |
| Cutter head & jig drives | 2.00 | 2.00 |
| Maneuvering winches | 1.25 | 1.50 |
| Pumps | 2.00 | 2.00 |
| Screen drives | 1.75 | 2.00 |
| Stackers, utility winches | 1.25 | 1.50 |
| Dry dock cranes | † | † |
| Dryers & coolers (Mills, rotary) | | 1.50 |
| Dyeing machinery (textile) | 1.25 | 1.50 |
| Elevators | | |
| Bucket - uniform load | 1.00 | 1.25 |
| Bucket - heavy duty | 1.25 | 1.50 |
| Centrifugal discharge | 1.00 | 1.25 |
| Escalators | 1.00 | 1.25 |
| Freight | 1.25 | 1.50 |
| Gravity discharge | 1.00 | 1.25 |
| Manual lifts, passenger | † | † |
| Extruders | | |
| General | 1.50 | 1.50 |
| Plastics | | |
| Variable speed drive | 1.50 | 1.50 |
| Fixed speed drive | 1.75 | 1.75 |
| Rubber | | |
| Continuous screw | | |
| Operation | 1.75 | 1.75 |
| Intermittent screw | | |
| Operation | 1.75 | 1.75 |
| Fans | | |
| Centrifugal | 1.00 | 1.25 |
| Cooling towers | † | † |
| Forced draft | 1.25 | 1.25 |
| Induced draft | 1.50 | 1.50 |
| Large (mine, etc.) | 1.50 | 1.50 |
| Large industrial | 1.50 | 1.50 |
| Light (small diameter) | 1.00 | 1.25 |
| Feeders | | |
| Apron, belt | 1.25 | 1.50 |
| Disc | 1.00 | 1.25 |
| Reciprocating | 1.75 | 2.00 |
| Screw | 1.25 | 1.50 |
| Flight | | |
| Conveyors, uniform | 1.00 | 1.25 |
| Conveyors, heavy | 1.25 | 1.50 |

| Application | Service | |
|---|----------------|-------------|
| | 3 - 10 hrs/day | 10+ hrs/day |
| Food industry | | |
| Beet slicers | 1.25 | 1.50 |
| Bottling, can filling machine | 1.00 | 1.25 |
| Cereal cookers | 1.00 | 1.25 |
| Dough mixers, meat grinders | 1.25 | 1.50 |
| Generators (not welding) | 1.00 | 1.25 |
| Gravity discharge elevators | 1.00 | 1.25 |
| Hammer mills | 1.75 | 2.00 |
| Hoists (see cranes) | † | † |
| Induced draft fans | 1.50 | 1.50 |
| Kilns | ▲ | ▲ |
| Laundry | | |
| Tumblers | 1.25 | 1.50 |
| Washers | 1.50 | 2.00 |
| Line shafts | | |
| Driving processing equipment | 1.25 | 1.50 |
| Other line shafts, light | † | 1.25 |
| Live roll conveyors | † | † |
| Lobe blowers or compressors | 1.25 | 1.50 |
| Log hauls (lumber) | | |
| Incline-well type | 1.75 | 1.75 |
| Looms (textile) | 1.25 | 1.50 |
| Lumber industry | | |
| Barklers - spindle feed | 1.25 | 1.50 |
| Barklers - main drive | 1.75 | 1.75 |
| Carriage drive | † | † |
| Conveyors | | |
| Burner | 1.25 | 1.50 |
| Main or heavy duty | 1.50 | 1.50 |
| Main log | 1.75 | 2.00 |
| Re-saw merry-go-round | 1.25 | 1.50 |
| Slab | 1.75 | 2.00 |
| Transfer | 1.25 | 1.50 |
| Chains - floor | 1.50 | 1.50 |
| Chains - green | 1.50 | 1.75 |
| Cut-off saws - chain & drag | 1.50 | 1.75 |
| Debarking drums | 1.75 | 2.00 |
| Feeds - edger | 1.25 | 1.50 |
| Feeds - gang | 1.75 | 1.75 |
| Feeds - trimmer | 1.25 | 1.50 |
| Log deck | 1.75 | 1.75 |
| Log hauls - incline, well type | 1.75 | 1.75 |
| Log turning devices | 1.75 | 1.75 |
| Planer feed | 1.25 | 1.50 |
| Planer tilting hoists | 1.25 | 1.50 |
| Rolls - live - off bearing - roll cases | 1.75 | 1.75 |
| Sorting table, tippie hoist | 1.25 | 1.50 |
| Transfer - chain & craneway | 1.50 | 1.75 |
| Tray drives | 1.25 | 1.50 |
| Veneer lathe drives | † | † |
| Machine tools | | |
| Auxiliary drives | 1.00 | 1.25 |
| Banding rolls | 1.25 | 1.50 |
| Main drives | 1.25 | 1.50 |
| Notching press (belted) | † | † |
| Plate planers | 1.75 | 2.00 |
| Punch press (geared) | 1.75 | 2.00 |
| Tapping machines | 1.75 | 2.00 |
| Mangle (textile) | 1.25 | 1.50 |
| Mash tubs (brewing & distilling) | 1.25 | 1.25 |
| Meat grinders (food) | 1.25 | 1.50 |
| Metal mills | | |
| Draw bench carriages & main drives | 1.25 | 1.50 |
| Pinch, dryer & scrubber | | |
| Rolls reversing | † | † |
| Slitters | 1.25 | 1.50 |
| Table conveyors, | | |
| Non-reversing | | |
| Group drives | 1.50 | 1.50 |
| Individual drives | 2.00 | 2.00 |
| Reversing | † | † |
| Wire drawing & flattening machines | | |
| Wire winding machines | 1.50 | 1.50 |

MagnaGear XTR® gear reducers

Recommended service factors

| Application | Service | |
|--|----------------|-------------|
| | 3 - 10 hrs/day | 10+ hrs/day |
| Mills, rotary | | |
| Ball and rod mills | | |
| With spur ring gear | | 2.00 |
| With helical ring gear | | 1.50 |
| Direct connected | | 2.00 |
| Cement kilns, dryers, coolers, pebble | | |
| plain & wedge bar mills | | 1.50 |
| Tumbling barrels | 1.75 | 2.00 |
| Mixers (also see agitators) | | |
| Concrete, cont. & int. | 1.25 | 1.50 |
| Constant density | 1.00 | 1.25 |
| Variable density | 1.25 | 1.50 |
| Nappers (textile) | 1.25 | 1.50 |
| Oil industry | | |
| Chillers | 1.25 | 1.50 |
| Oil well pumping | † | † |
| Paraffin filter press | 1.25 | 1.50 |
| Rotary kilns | 1.25 | 1.50 |
| Ore crushers | 1.75 | 2.00 |
| Oven conveyors | | |
| Uniform | 1.00 | 1.25 |
| Heavy duty | 1.25 | 1.50 |
| Paper mills (1) | | |
| Agitator (mixer) | 1.50 | |
| Agitator for pure liquids | 1.25 | |
| Barking drums, barkers - mechanical | 2.00 | |
| Beater | 1.50 | |
| Breaker stack | 1.25 | |
| Calender (2) | 1.25 | |
| Chipper | 2.00 | |
| Chip feeder | 1.50 | |
| Coating rolls | 1.25 | |
| Conveyors - | | |
| Chip, bark, chemical | 1.25 | |
| Log (incl. Slab) | 2.00 | |
| Couch Rolls | 1.25 | |
| Cutter | 2.00 | |
| Cylinder molds | 1.25 | |
| Dryers (2) | | |
| Paper mach. & conveyor type | 1.25 | |
| Embossers | 1.25 | |
| Extruder | 1.50 | |
| Fourdrinier rolls - lumpbreaker, wire turning, | | |
| Dandy & return rolls | 1.25 | |
| Jordan | 1.50 | |
| Kiln drive | 1.50 | |
| Mt. Hope & paper rolls | 1.25 | |
| Platter | 1.50 | |
| Presses (felt & suction) | 1.25 | |
| Pulper | 2.00 | |
| Reel (surface type) screens | 1.25 | |
| Chip, rotary | 1.50 | |
| Vibrating | 2.00 | |
| Size press | 1.25 | |
| Super calender (3) | 1.25 | |
| Thickener & washer - | | |
| AC motor | 1.50 | |
| DC motor | 1.25 | |
| Vacuum pumps | 1.50 | |
| Wind & unwind stand | 1.25 | |
| Winders (surface type) | 1.25 | |
| Yankee dryer (2) | 1.25 | |
| Passenger elevators | † | † |
| Pebble mills | ▲ | ▲ |
| Plastics industry | | |
| Primary processing | | |
| Intensive internal mixers | | |
| Batch mixers | 1.75 | 1.75 |
| Continuous mixers | 1.50 | 1.50 |
| Batch drop mill - 2 smooth rolls | 1.25 | 1.25 |
| Continuous feed, holding & blend mill | 1.25 | 1.25 |
| Compounding mill | 1.25 | 1.25 |
| Calenders | 1.50 | 1.50 |

| Application | Service | |
|---|----------------|-------------|
| | 3 - 10 hrs/day | 10+ hrs/day |
| Plastics industry (continued) | | |
| Secondary processing | | |
| Blow molders | 1.50 | 1.50 |
| Coating | 1.25 | 1.25 |
| Film | 1.25 | 1.25 |
| Pipe | 1.25 | 1.25 |
| Pre-plasticizers | 1.50 | 1.50 |
| Rods | 1.25 | 1.25 |
| Sheets | 1.25 | 1.25 |
| tubing | 1.25 | 1.50 |
| Plate planers | 1.75 | 2.00 |
| Printing presses | † | † |
| Proportioning pumps | 1.25 | 1.50 |
| Pug mills (clay) | 1.25 | 1.50 |
| Pullers (barge haul) | 1.25 | 1.50 |
| Pumps | | |
| Centrifugal | 1.00 | 1.25 |
| Proportioning | 1.25 | 1.50 |
| Reciprocating | | |
| Single act., 3 or more cylinder | 1.25 | 1.50 |
| Double act., 2 or more cylinder | 1.25 | 1.50 |
| Single act., 1 or 2 cylinder | † | † |
| Double act., 1 cylinder | † | † |
| Rotary: gear, lobe, vane | 1.00 | 1.25 |
| Punch press; (gear driven) | 1.75 | 2.00 |
| Reciprocating | | |
| Conveyors, feeders | 1.75 | 2.00 |
| Reciprocating compressors | | |
| Multi cylinder | 1.50 | 1.75 |
| Single cylinder | 1.75 | 2.00 |
| Reversing direction | † | † |
| Application | ▲ | ▲ |
| Rod mills | | |
| Rotary | | |
| Pumps | 1.00 | 1.25 |
| Screens (sand and gravel) | 1.25 | 1.50 |
| Rubber industry | | |
| Intensive internal mixers | 1.75 | 1.75 |
| Batch mixers | 1.50 | 1.50 |
| Mixing mill - 2 smooth rolls (if using corrugated rolls, use the same service factors that are used for a cracker-warmer) | 1.50 | 1.50 |
| Batch drop mill - 2 smooth rolls | 1.50 | 1.50 |
| Cracker warmer - 2 rolls: 1 corrugated roll | 1.75 | 1.75 |
| Cracker - 2 corrugated rolls | 2.00 | 2.00 |
| Holding, feed & blend mill - 2 rolls | 1.25 | 1.25 |
| Refiner - 2 rolls | 1.50 | 1.50 |
| Calenders | 1.50 | 1.50 |
| Sand mullers | 1.25 | 1.50 |
| Screens | | |
| Air washing | 1.00 | 1.25 |
| Rotary-sand or gravel | 1.25 | 1.50 |
| Traveling water intake | 1.00 | 1.25 |
| Screw conveyors | | |
| Uniform | 1.00 | 1.25 |
| Heavy duty or feeder | 1.25 | 1.50 |
| Scum breakers (sewage) | 1.50 | 1.50 |
| Sewage disposal | | |
| Bar screens | 1.25 | 1.25 |
| Chemical feeders | 1.25 | 1.25 |
| Collectors | 1.25 | 1.25 |
| Dewatering screens | 1.50 | 1.50 |
| Scum breakers | 1.50 | 1.50 |
| Slow or rapid mixers | 1.50 | 1.50 |
| Thickeners | 1.50 | 1.50 |
| Vacuum filters | 1.50 | 1.50 |
| Shaker conveyors | 1.75 | 2.00 |
| Sheeters (rubber) | | 1.50 |
| Single acting pump | | |
| 1 or 2 cylinders | † | † |
| 3 or more cylinders | 1.25 | 1.50 |
| Skip hoist | † | † |
| Slab pushers | 1.50 | 1.50 |
| Slitters (metal) | 1.25 | 1.50 |

| Application | Service | |
|-----------------------------------|----------------|-------------|
| | 3 - 10 hrs/day | 10+ hrs/day |
| Sludge collectors (sewage) | 1.25 | 1.25 |
| Soapers (textile) | 1.25 | 1.50 |
| Spinners (textile) | 1.25 | 1.50 |
| Steering gears | | |
| Stokers | 1.00 | 1.25 |
| Stone crushers | 1.75 | 2.00 |
| Sugar industry | | |
| Cane knives, crushers mill | | 1.50 |
| Table conveyors | | |
| (Non-reversing) | | |
| Group drives | 1.50 | 1.50 |
| Individual drives | 2.00 | 2.00 |
| Reversing | † | † |
| Tenter frames (textile) | 1.25 | 1.50 |
| Textile industry | | |
| Batchers, calenders | 1.25 | 1.50 |
| Card machines | 1.25 | 1.50 |
| Dry cans, dryers | 1.25 | 1.50 |
| Dyeing machinery | 1.25 | 1.50 |
| Knitting machinery | † | † |
| Looms, mangles, nappers, pads | 1.25 | 1.50 |
| Range drives | † | † |
| Slashers, soapers, spinners | 1.25 | 1.50 |
| Tenter framers, washers, winders | 1.25 | 1.50 |
| Thickness (sewage) | 1.50 | 1.50 |
| Tumbling barrels | 1.75 | 2.00 |
| Vacuum filters (sewage) | 1.50 | 1.50 |
| Vane blowers | 1.25 | 1.50 |
| Winches (dredges) | 1.25 | 1.50 |
| Winders (textile) | 1.25 | 1.50 |
| Windglass | † | † |
| Wire | | |
| Drawing machines | 1.25 | 1.50 |
| Winding machines | 1.50 | 1.50 |

† Consult your local ABB sales office

▲ See Mill, rotary

- (1) Service factors for paper mill applications are applied to the nameplate rating of the electric motor at the motor rated base speed
- (2) Using anti-friction bearings only. Use 1.50 for sleeve bearings
- (3) When a super calender operates over a speed range of part constant horsepower and part constant torque and the constant horse power speed range is greater than 1.5:1, use a service factor of 1.00 at base speed. When operating at constant torque over the entire speed range or when the constant horsepower speed range is less than 1.5:1, a 1.25 service factor should be used.

MagnaGear XTR[®] gear reducers

Thermal ratings adjustment factors

To determine the actual thermal kW rating, multiply the rating from the 20°C thermal kW tables by the appropriate factors from the tables below. Please note that temperature adjustment factors are only applicable to the thermal ratings from the 20°C ambient temperature tables. Do not use with the 40°C ambient temperature tables.

$$\text{Actual Thermal kW} = \text{Thermal kW Rating from Table} \times B_{\text{ref}} \times B_A \times B_T$$

| MagnaGear XTR thermal ratings | |
|--|------------------|
| Ambient temperature adjustment factors | |
| Required ambient temperature (°C) | B_{ref} |
| 10 | 1.10 |
| 15 | 1.05 |
| 20 | 1.00 |
| 25 | 0.95 |
| 30 | 0.89 |
| 35 | 0.84 |
| 40 | 0.79 |
| 45 | 0.72 |
| 50 | 0.54 |

| MagnaGear XTR thermal ratings | |
|-------------------------------|-------|
| Altitude adjustment factors | |
| Altitude (m) | B_A |
| Sea level - 999 | 1.00 |
| 1000 - 1999 | 0.90 |
| 2000 - 2999 | 0.83 |
| 3000 - 3999 | 0.76 |
| 4000 - 5000 | 0.68 |

| MagnaGear XTR thermal ratings | |
|---|-------|
| Maximum allowable oil sump temperature adjustment factors | |
| Maximum oil sump temperature (°C) | B_T |
| 85 | 0.81 |
| 93 | 1.00 |
| 104 | 1.13 |

Thermal rating selection example

A MagnaGear XTR G525 with a shaft fan, right angle, 25:1 ratio will be operated with a 1500 r/min input motor. Ambient conditions at the installation site are 30°C temperature and 1500 m altitude.

Duty cycle will be 12 hours of continuous operation per day, maximum allowable oil sump temperature is 93°C. To calculate the actual thermal kW rating, find the rated thermal kW from the right angle thermal kW table for a 20°C ambient temperature and multiply by the appropriate rating factors. Interpolation can be used to determine factors for values between those listed in the tables.

Actual thermal kW with no fan = 126 X 0.89 X 0.90 = 101 kW

Actual thermal kW with shaft fan = 282 X 0.89 X 0.90 = 226 kW

Actual thermal kW with uni-directional shaft fan = 366 X 0.89 X 0.90 = 293 kW

Actual thermal kW with electric fan = 481 X 0.89 X 0.90 = 385 kW

MagnaGear XTR® gear reducers

Ratings – right angle shaft reducers – input power

Input power ratings in kW

| Nominal ratio | High speed shaft r/min | Low speed shaft r/min | Size | G100 | G150 | G210 | G285 | G390 | G525 | G600 | G700 | G920 | G1400 | G2100 | G3500 |
|---------------|------------------------|-----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|-------|
| 12.5 | Exact ratio | | 12.409 | 12.510 | 12.353 | 12.698 | 12.569 | 12.565 | 12.634 | 12.412 | 12.524 | 12.075 | 12.459 | | |
| | 1800 | 144 | 153 | 243 | 336 | 434 | 511 | 778 | 778 | 1062 | 1355 | 2214 | 3319 | | |
| | 1500 | 120 | 129 | 206 | 286 | 368 | 433 | 688 | 688 | 941 | 1200 | 1864 | 2795 | | |
| | 1200 | 96 | 105 | 168 | 233 | 299 | 352 | 585 | 585 | 799 | 1019 | 1506 | 2258 | | |
| | 1000 | 80 | 88 | 140 | 194 | 249 | 294 | 487 | 487 | 666 | 849 | 1266 | 1899 | | |
| 14.0 | Exact ratio | | 13.998 | 14.112 | 13.962 | 14.409 | 14.401 | 14.026 | 13.944 | 13.895 | 13.882 | 13.945 | 14.035 | | |
| | 1800 | 129 | 137 | 218 | 302 | 413 | 482 | 778 | 778 | 1062 | 1374 | 1931 | 2965 | | |
| | 1500 | 107 | 116 | 184 | 256 | 350 | 408 | 654 | 688 | 893 | 1156 | 1625 | 2496 | | |
| | 1200 | 86 | 94 | 150 | 208 | 285 | 332 | 553 | 585 | 728 | 959 | 1313 | 2016 | | |
| | 1000 | 71 | 78 | 125 | 173 | 237 | 277 | 461 | 487 | 606 | 799 | 1103 | 1695 | | |
| 16.0 | Exact ratio | | 15.657 | 15.784 | 15.634 | 16.414 | 16.193 | 15.706 | 15.928 | 15.605 | 15.621 | 16.172 | 16.366 | | |
| | 1800 | 113 | 123 | 196 | 272 | 367 | 456 | 722 | 778 | 947 | 1243 | 1678 | 2563 | | |
| | 1500 | 94 | 104 | 166 | 231 | 311 | 387 | 613 | 677 | 804 | 1057 | 1411 | 2157 | | |
| | 1200 | 75 | 85 | 135 | 188 | 253 | 315 | 499 | 585 | 654 | 861 | 1139 | 1741 | | |
| | 1000 | 63 | 71 | 113 | 156 | 211 | 262 | 416 | 487 | 545 | 717 | 957 | 1463 | | |
| 18.0 | Exact ratio | | 18.230 | 18.378 | 17.630 | 18.224 | 17.789 | 17.659 | 17.343 | 17.600 | 17.415 | 18.142 | 18.008 | 18.260 | |
| | 1800 | 100 | 107 | 171 | 244 | 333 | 435 | 649 | 778 | 849 | 1128 | 1504 | 2340 | 3849 | |
| | 1500 | 83 | 91 | 145 | 207 | 283 | 369 | 551 | 677 | 720 | 957 | 1265 | 1969 | 3240 | |
| | 1200 | 67 | 74 | 118 | 168 | 230 | 301 | 448 | 541 | 586 | 780 | 1021 | 1589 | 2617 | |
| | 1000 | 56 | 62 | 98 | 140 | 192 | 250 | 373 | 451 | 489 | 650 | 857 | 1335 | 2199 | |
| 20.0 | Exact ratio | | 20.390 | 20.556 | 19.620 | 20.346 | 20.144 | 19.545 | 19.652 | 19.603 | 19.620 | 19.632 | 20.772 | 20.112 | |
| | 1800 | 90 | 97 | 154 | 221 | 302 | 408 | 592 | 698 | 770 | 1012 | 1395 | 2042 | 3512 | |
| | 1500 | 75 | 82 | 131 | 187 | 256 | 340 | 502 | 592 | 653 | 859 | 1173 | 1718 | 2955 | |
| | 1200 | 60 | 67 | 106 | 152 | 208 | 272 | 408 | 482 | 531 | 699 | 946 | 1386 | 2386 | |
| | 1000 | 50 | 56 | 89 | 127 | 174 | 227 | 340 | 402 | 443 | 582 | 795 | 1165 | 2005 | |
| 22.4 | Exact ratio | | 22.543 | 22.726 | 22.960 | 22.761 | 21.959 | 21.693 | 21.910 | 22.068 | 21.823 | 22.197 | 22.822 | 22.229 | |
| | 1800 | 80 | 88 | 141 | 191 | 272 | 368 | 538 | 632 | 691 | 919 | 1240 | 1867 | 3193 | |
| | 1500 | 67 | 75 | 119 | 162 | 231 | 307 | 456 | 536 | 586 | 779 | 1043 | 1570 | 2686 | |
| | 1200 | 54 | 61 | 97 | 132 | 188 | 245 | 371 | 437 | 476 | 634 | 841 | 1267 | 2169 | |
| | 1000 | 45 | 51 | 81 | 110 | 157 | 204 | 309 | 364 | 397 | 528 | 706 | 1064 | 1822 | |
| 25.0 | Exact ratio | | 24.670 | 24.870 | 25.552 | 25.308 | 25.151 | 25.369 | 24.327 | 25.910 | 24.642 | 25.258 | 25.458 | 24.672 | |
| | 1800 | 72 | 81 | 129 | 174 | 240 | 333 | 456 | 575 | 597 | 822 | 1096 | 1682 | 2891 | |
| | 1500 | 60 | 69 | 110 | 147 | 204 | 277 | 386 | 488 | 506 | 697 | 921 | 1414 | 2432 | |
| | 1200 | 48 | 56 | 89 | 120 | 166 | 222 | 314 | 397 | 411 | 567 | 743 | 1141 | 1963 | |
| | 1000 | 40 | 47 | 75 | 100 | 138 | 185 | 268 | 331 | 343 | 473 | 624 | 958 | 1649 | |
| 28.0 | Exact ratio | | 28.105 | 28.333 | 28.528 | 28.254 | 29.115 | 28.775 | 27.489 | 28.859 | 28.884 | 27.776 | 28.841 | 27.522 | |
| | 1800 | 64 | 72 | 115 | 157 | 223 | 285 | 415 | 514 | 540 | 711 | 1001 | 1493 | 2605 | |
| | 1500 | 54 | 61 | 98 | 133 | 190 | 242 | 352 | 436 | 458 | 603 | 841 | 1255 | 2191 | |
| | 1200 | 43 | 50 | 79 | 108 | 154 | 197 | 286 | 355 | 372 | 490 | 678 | 1012 | 1768 | |
| | 1000 | 36 | 41 | 66 | 90 | 129 | 164 | 238 | 295 | 310 | 408 | 569 | 850 | 1484 | |
| 31.5 | Exact ratio | | 31.103 | 31.356 | 31.200 | 31.607 | 31.738 | 31.937 | 30.585 | 32.488 | 32.128 | 31.348 | 30.986 | 30.890 | |
| | 1800 | 57 | 66 | 105 | 145 | 202 | 254 | 378 | 468 | 485 | 645 | 891 | 1394 | 2333 | |
| | 1500 | 48 | 56 | 89 | 123 | 171 | 215 | 320 | 396 | 411 | 547 | 749 | 1172 | 1962 | |
| | 1200 | 38 | 45 | 72 | 100 | 139 | 175 | 260 | 322 | 334 | 444 | 604 | 945 | 1582 | |
| | 1000 | 32 | 38 | 60 | 83 | 116 | 146 | 216 | 268 | 278 | 370 | 507 | 793 | 1329 | |
| 35.5 | Exact ratio | | 35.030 | 35.314 | 35.609 | 34.998 | 36.351 | 35.626 | 35.814 | 35.669 | 36.277 | 35.589 | 35.565 | 34.932 | |
| | 1800 | 51 | 59 | 94 | 128 | 184 | 229 | 341 | 376 | 445 | 577 | 789 | 1222 | 2074 | |
| | 1500 | 42 | 50 | 80 | 109 | 156 | 194 | 289 | 315 | 377 | 489 | 663 | 1026 | 1744 | |
| | 1200 | 34 | 41 | 65 | 88 | 127 | 158 | 235 | 255 | 306 | 397 | 534 | 828 | 1406 | |
| | 1000 | 28 | 34 | 54 | 74 | 105 | 131 | 196 | 212 | 255 | 331 | 448 | 694 | 1181 | |
| 40.0 | Exact ratio | | 41.221 | 41.473 | 41.120 | 40.646 | 39.996 | 39.986 | 40.469 | 39.547 | 40.441 | 40.707 | 40.560 | 40.464 | |
| | 1800 | 45 | 51 | 81 | 112 | 160 | 209 | 307 | 363 | 405 | 522 | 694 | 1077 | 1802 | |
| | 1500 | 38 | 43 | 69 | 95 | 135 | 174 | 260 | 302 | 343 | 442 | 583 | 905 | 1514 | |
| | 1200 | 30 | 35 | 56 | 77 | 110 | 139 | 211 | 243 | 278 | 359 | 470 | 729 | 1221 | |
| | 1000 | 25 | 29 | 47 | 65 | 92 | 116 | 176 | 202 | 232 | 299 | 394 | 612 | 1025 | |
| 45.0 | Exact ratio | | 46.655 | 47.033 | 46.800 | 45.705 | 44.224 | 44.806 | 44.902 | 44.258 | 45.888 | 44.7509 | 45.949 | 45.225 | |
| | 1800 | 40 | 45 | 72 | 100 | 143 | 188 | 276 | 322 | 365 | 465 | 633 | 955 | 1620 | |
| | 1500 | 33 | 38 | 61 | 84 | 121 | 157 | 234 | 270 | 309 | 393 | 532 | 802 | 1361 | |
| | 1200 | 27 | 31 | 50 | 68 | 99 | 125 | 190 | 217 | 251 | 319 | 429 | 647 | 1097 | |
| | 1000 | 22 | 26 | 41 | 57 | 82 | 104 | 158 | 181 | 209 | 266 | 359 | 542 | 921 | |
| 50.0 | Exact ratio | | 49.770 | 50.174 | 49.969 | 51.828 | 49.188 | 49.768 | 49.598 | 49.911 | 50.191 | 49.442 | 49.366 | 50.878 | |
| | 1800 | 36 | 43 | 68 | 93 | 128 | 170 | 251 | 293 | 326 | 428 | 575 | 892 | 1447 | |
| | 1500 | 30 | 36 | 58 | 78 | 108 | 141 | 212 | 243 | 276 | 362 | 483 | 749 | 1215 | |
| | 1200 | 24 | 29 | 47 | 64 | 88 | 113 | 172 | 195 | 224 | 294 | 389 | 603 | 979 | |
| | 1000 | 20 | 24 | 39 | 53 | 76 | 94 | 143 | 162 | 187 | 245 | 326 | 506 | 822 | |
| 56.0 | Exact ratio | | 55.572 | 56.023 | 55.841 | 56.092 | 55.097 | 56.234 | 55.147 | 56.821 | 55.672 | 54.949 | 56.661 | 55.275 | |
| | 1800 | 32 | 39 | 62 | 85 | 119 | 152 | 224 | 268 | 290 | 389 | 520 | 781 | 1336 | |
| | 1500 | 27 | 33 | 52 | 72 | 100 | 127 | 189 | 224 | 245 | 329 | 436 | 656 | 1122 | |
| | 1200 | 21 | 26 | 42 | 58 | 81 | 102 | 154 | 179 | 199 | 267 | 351 | 528 | 904 | |
| | 1000 | 18 | 22 | 35 | 48 | 67 | 85 | 128 | 149 | 166 | 223 | 295 | 443 | 759 | |
| 63.0 | Exact ratio | | 61.832 | 62.210 | 61.679 | 60.858 | 62.250 | 62.196 | 61.807 | 62.348 | 61.574 | 61.505 | 61.560 | 60.300 | |
| | 1800 | 29 | 35 | 56 | 77 | 107 | 134 | 204 | 230 | 266 | 354 | 466 | 721 | 1229 | |
| | 1500 | 24 | 29 | 47 | 65 | 91 | 112 | 172 | 192 | 225 | 300 | 391 | 605 | 1032 | |
| | 1200 | 19 | 24 | 38 | 53 | 73 | 89 | 140 | 152 | 182 | 243 | 315 | 488 | 831 | |
| | 1000 | 16 | 20 | 32 | 44 | 62 | 74 | 117 | 127 | 152 | 203 | 264 | 409 | 697 | |

MagnaGear XTR® gear reducers

Ratings – right angle shaft reducers – torque

Torque ratings in kNm

| Nominal ratio | High speed shaft r/min | Low speed shaft r/min | Size G100 | G150 | G210 | G285 | G390 | G525 | G600 | G700 | G920 | G1400 | G2100 | G3500 |
|---------------|------------------------|-----------------------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|
| 12.5 | Exact Ratio | | 12.409 | 12.510 | 12.353 | 12.698 | 12.569 | 12.565 | 12.634 | 12.412 | 12.524 | 12.075 | 12.459 | |
| | 1800 | 144 | 10.0 | 16.1 | 22.1 | 29.2 | 34.1 | 51.8 | 52.1 | 70.0 | 90.0 | 143 | 219 | |
| | 1500 | 120 | 10.2 | 16.4 | 22.5 | 29.7 | 34.7 | 55.1 | 55.4 | 74.4 | 95.6 | 143 | 222 | |
| | 1200 | 96 | 10.4 | 16.7 | 22.9 | 30.2 | 35.3 | 58.5 | 58.8 | 79.0 | 102 | 145 | 224 | |
| | 1000 | 80 | 10.5 | 16.9 | 23.2 | 30.6 | 35.7 | 59.3 | 59.6 | 80.0 | 103 | 146 | 226 | |
| 14.0 | Exact ratio | | 13.998 | 14.112 | 13.962 | 14.409 | 14.401 | 14.026 | 13.944 | 13.895 | 13.882 | 13.945 | 14.035 | |
| | 1800 | 129 | 10.1 | 16.3 | 22.4 | 31.6 | 36.8 | 57.9 | 57.7 | 78.3 | 101 | 143 | 221 | |
| | 1500 | 107 | 10.3 | 16.6 | 22.7 | 32.1 | 37.4 | 58.4 | 61.3 | 79.0 | 102 | 144 | 223 | |
| | 1200 | 86 | 10.5 | 16.8 | 23.1 | 32.6 | 38.1 | 61.7 | 65.2 | 80.5 | 106 | 146 | 225 | |
| | 1000 | 71 | 10.6 | 17.1 | 23.4 | 33.1 | 38.6 | 62.6 | 66.0 | 81.5 | 107 | 147 | 227 | |
| 16.0 | Exact ratio | | 15.657 | 15.784 | 15.634 | 16.414 | 16.193 | 15.706 | 15.928 | 15.605 | 15.621 | 16.172 | 16.366 | |
| | 1800 | 113 | 10.2 | 16.4 | 22.6 | 31.9 | 39.2 | 60.2 | 65.7 | 78.4 | 103 | 144 | 223 | |
| | 1500 | 94 | 10.4 | 16.7 | 22.9 | 32.5 | 39.9 | 61.3 | 68.6 | 79.8 | 105 | 145 | 225 | |
| | 1200 | 75 | 10.6 | 17.0 | 23.4 | 33.1 | 40.6 | 62.4 | 74.2 | 81.3 | 107 | 147 | 227 | |
| | 1000 | 63 | 10.7 | 17.2 | 23.7 | 33.5 | 41.1 | 63.2 | 75.2 | 82.3 | 108.4 | 148.0 | 228 | |
| 18.0 | Exact ratio | | 18.230 | 18.378 | 17.630 | 18.224 | 17.789 | 17.659 | 17.343 | 17.600 | 17.415 | 18.142 | 18.008 | 18.260 |
| | 1800 | 100 | 10.4 | 16.7 | 22.8 | 32.2 | 41.1 | 60.8 | 71.6 | 79.3 | 104 | 145 | 224 | 373 |
| | 1500 | 83 | 10.5 | 16.9 | 23.2 | 32.8 | 41.8 | 61.9 | 74.7 | 80.7 | 106 | 146 | 226 | 377 |
| | 1200 | 67 | 10.7 | 17.2 | 23.6 | 33.4 | 42.6 | 63.0 | 74.6 | 82.1 | 108 | 147 | 228 | 380 |
| | 1000 | 56 | 10.9 | 17.5 | 23.9 | 33.8 | 43.1 | 63.8 | 75.6 | 83.2 | 109 | 149 | 230 | 383 |
| 20.0 | Exact ratio | | 20.390 | 20.556 | 19.620 | 20.346 | 20.144 | 19.545 | 19.652 | 19.603 | 19.620 | 19.632 | 20.772 | 20.112 |
| | 1800 | 90 | 10.5 | 16.8 | 23.0 | 32.6 | 43.6 | 61.4 | 72.8 | 80.0 | 105 | 145 | 225 | 375 |
| | 1500 | 75 | 10.6 | 17.1 | 23.4 | 33.1 | 43.6 | 62.5 | 74.1 | 81.5 | 107 | 147 | 227 | 378 |
| | 1200 | 60 | 10.8 | 17.4 | 23.8 | 33.7 | 43.6 | 63.5 | 75.4 | 82.9 | 109 | 148 | 229 | 382 |
| | 1000 | 50 | 11.0 | 17.6 | 24.1 | 34.2 | 44.2 | 64.3 | 76.4 | 83.9 | 111 | 149 | 231 | 385 |
| 22.4 | Exact ratio | | 22.543 | 22.726 | 22.960 | 22.761 | 21.959 | 21.693 | 21.910 | 22.068 | 21.823 | 22.197 | 22.822 | 22.229 |
| | 1800 | 80 | 10.5 | 17.0 | 23.3 | 32.9 | 42.9 | 61.9 | 73.5 | 80.9 | 106 | 146 | 226 | 377 |
| | 1500 | 67 | 10.7 | 17.3 | 23.7 | 33.5 | 42.9 | 63.0 | 74.8 | 82.3 | 108 | 147 | 228 | 380 |
| | 1200 | 54 | 10.9 | 17.6 | 24.2 | 34.1 | 42.9 | 64.1 | 76.1 | 83.7 | 110 | 149 | 230 | 384 |
| | 1000 | 45 | 11.1 | 17.8 | 24.5 | 34.5 | 43.4 | 64.9 | 77.1 | 84.8 | 112 | 150 | 232 | 387 |
| 25.0 | Exact ratio | | 24.670 | 24.870 | 25.552 | 25.308 | 25.151 | 25.369 | 24.327 | 25.910 | 24.642 | 25.258 | 25.458 | 24.672 |
| | 1800 | 72 | 10.6 | 17.1 | 23.5 | 32.2 | 44.4 | 62.9 | 74.2 | 82.0 | 108 | 147 | 227 | 378 |
| | 1500 | 60 | 10.8 | 17.4 | 24.0 | 32.8 | 44.4 | 64.0 | 75.5 | 83.4 | 109 | 148 | 229 | 382 |
| | 1200 | 48 | 11.0 | 17.7 | 24.4 | 33.4 | 44.4 | 65.0 | 76.8 | 84.8 | 111 | 149 | 231 | 385 |
| | 1000 | 40 | 11.1 | 17.9 | 24.7 | 33.8 | 45.0 | 65.8 | 77.8 | 85.9 | 113 | 150 | 233 | 388 |
| 28.0 | Exact ratio | | 28.105 | 28.333 | 28.528 | 28.254 | 29.115 | 28.775 | 27.489 | 28.859 | 28.884 | 27.776 | 28.841 | 27.522 |
| | 1800 | 64 | 10.7 | 17.3 | 23.8 | 33.5 | 44.1 | 63.4 | 75.0 | 82.8 | 109 | 148 | 228 | 380 |
| | 1500 | 54 | 10.9 | 17.6 | 24.2 | 34.1 | 44.9 | 64.5 | 76.3 | 84.1 | 111 | 149 | 230 | 384 |
| | 1200 | 43 | 11.1 | 17.9 | 24.6 | 34.7 | 45.7 | 65.5 | 77.6 | 85.5 | 113 | 150 | 232 | 387 |
| | 1000 | 36 | 11.3 | 18.1 | 25.0 | 35.2 | 46.3 | 66.3 | 78.6 | 86.6 | 114 | 151 | 234 | 390 |
| 31.5 | Exact ratio | | 31.103 | 31.356 | 31.200 | 31.607 | 31.738 | 31.937 | 30.585 | 32.488 | 32.128 | 31.348 | 30.986 | 30.890 |
| | 1800 | 57 | 10.8 | 17.4 | 24.0 | 33.8 | 42.8 | 64.0 | 75.7 | 83.6 | 110 | 148 | 229 | 382 |
| | 1500 | 48 | 11.0 | 17.7 | 24.4 | 34.4 | 43.5 | 65.0 | 77.0 | 84.9 | 112 | 149 | 231 | 386 |
| | 1200 | 38 | 11.2 | 18.0 | 24.8 | 35.0 | 44.3 | 66.0 | 78.2 | 86.3 | 114 | 151 | 233 | 389 |
| | 1000 | 32 | 11.3 | 18.3 | 25.1 | 35.5 | 44.9 | 66.9 | 79.2 | 87.4 | 115 | 152 | 235 | 392 |
| 35.5 | Exact ratio | | 35.030 | 35.314 | 35.609 | 34.998 | 36.351 | 35.626 | 35.814 | 35.669 | 36.277 | 35.589 | 35.565 | 34.932 |
| | 1800 | 51 | 10.9 | 17.6 | 24.3 | 34.1 | 44.1 | 64.5 | 71.4 | 84.2 | 111 | 149 | 231 | 384 |
| | 1500 | 42 | 11.1 | 17.9 | 24.7 | 34.7 | 44.9 | 65.6 | 71.7 | 85.6 | 113 | 150 | 232 | 386 |
| | 1200 | 34 | 11.3 | 18.2 | 25.1 | 35.2 | 45.6 | 66.6 | 72.6 | 86.9 | 115 | 151 | 234 | 391 |
| | 1000 | 28 | 11.5 | 18.4 | 25.4 | 35.7 | 46.2 | 67.4 | 73.5 | 88.0 | 116 | 152 | 236 | 394 |
| 40.0 | Exact ratio | | 41.221 | 41.473 | 41.120 | 40.646 | 39.996 | 39.986 | 40.469 | 39.547 | 40.441 | 40.707 | 40.560 | 40.464 |
| | 1800 | 45 | 11.1 | 17.9 | 24.6 | 34.5 | 44.3 | 65.1 | 77.9 | 84.9 | 112 | 150 | 232 | 387 |
| | 1500 | 38 | 11.3 | 18.2 | 25.0 | 35.1 | 44.3 | 66.1 | 77.8 | 86.2 | 114 | 151 | 234 | 390 |
| | 1200 | 30 | 11.4 | 18.4 | 25.4 | 35.6 | 44.3 | 67.1 | 78.2 | 87.6 | 116 | 152 | 235 | 393 |
| | 1000 | 25 | 11.6 | 18.7 | 25.7 | 36.1 | 44.9 | 68.0 | 79.2 | 88.7 | 117 | 153 | 237 | 396 |
| 45.0 | Exact ratio | | 46.655 | 47.033 | 46.800 | 45.705 | 44.224 | 44.806 | 44.902 | 44.258 | 45.888 | 44.7509 | 45.949 | 45.225 |
| | 1800 | 40 | 11.2 | 18.0 | 24.8 | 34.8 | 44.1 | 65.7 | 76.8 | 85.7 | 113 | 150 | 233 | 389 |
| | 1500 | 33 | 11.4 | 18.3 | 25.2 | 35.3 | 44.1 | 66.7 | 77.3 | 87.0 | 115 | 152 | 235 | 392 |
| | 1200 | 27 | 11.5 | 18.6 | 25.6 | 35.8 | 44.1 | 67.7 | 77.4 | 88.3 | 117 | 153 | 236 | 395 |
| | 1000 | 22 | 11.7 | 18.8 | 25.9 | 36.3 | 44.7 | 68.6 | 78.4 | 89.4 | 118 | 154 | 238 | 398 |
| 50.0 | Exact ratio | | 49.770 | 50.174 | 49.969 | 51.828 | 49.188 | 49.768 | 49.598 | 49.911 | 50.191 | 49.442 | 49.366 | 50.878 |
| | 1800 | 36 | 11.3 | 18.1 | 25.0 | 35.1 | 44.3 | 66.2 | 77.2 | 86.4 | 114 | 151 | 234 | 391 |
| | 1500 | 30 | 11.4 | 18.4 | 25.4 | 35.7 | 44.3 | 67.2 | 76.8 | 87.8 | 116 | 152 | 235 | 394 |
| | 1200 | 24 | 11.6 | 18.7 | 25.7 | 36.1 | 44.3 | 68.2 | 76.9 | 89.0 | 117 | 153 | 237 | 397 |
| | 1000 | 20 | 11.7 | 18.9 | 26.0 | 36.6 | 44.9 | 69.1 | 77.9 | 90.2 | 119 | 154 | 239 | 399 |
| 56.0 | Exact ratio | | 55.572 | 56.023 | 55.841 | 56.092 | 55.097 | 56.234 | 55.147 | 56.821 | 55.672 | 54.949 | 56.661 | 55.275 |
| | 1800 | 32 | 11.4 | 18.3 | 25.2 | 35.3 | 44.5 | 66.8 | 78.3 | 87.3 | 115 | 152 | 235 | 392 |
| | 1500 | 27 | 11.5 | 18.5 | 25.5 | 35.8 | 44.5 | 67.8 | 78.5 | 88.6 | 117 | 153 | 236 | 395 |
| | 1200 | 21 | 11.7 | 18.8 | 25.9 | 36.3 | 44.5 | 68.8 | 78.5 | 89.9 | 118 | 154 | 238 | 398 |
| | 1000 | 18 | 11.8 | 19.0 | 26.2 | 36.8 | 45.1 | 69.7 | 79.5 | 91.0 | 120 | 155 | 240 | 400 |
| 63.0 | Exact ratio | | 61.832 | 62.210 | 61.679 | 60.858 | 62.250 | 62.196 | 61.807 | 62.348 | 61.574 | 61.505 | 61.560 | 60.300 |
| | 1800 | 29 | 11.4 | 18.4 | 25.4 | 34.6 | 44.2 | 67.3 | 75.5 | 87.9 | 116 | 152 | 236 | 393 |
| | 1500 | 24 | 11.6 | 18.7 | 25.7 | 35.1 | 44.2 | 68.3 | 75.5 | 89.2 | 117 | 153 | 237 | 396 |
| | 1200 | 19 | 11.7 | 18.9 | 26.0 | 35.5 | 44.2 | 69.2 | 75.0 | 90.4 | 119 | 154 | 239 | 399 |
| | 1000 | 16 | 11.9 | 19.1 | 26.3 | 36.0 | 44.8 | 70.1 | 76.0 | 91.6 | 121 | 155 | 240 | 402 |

MagnaGear XTR[®] gear reducers

Ratings – right angle shaft reducers – thermal power

MagnaGear XTR right angle shaft thermal ratings - 1800 r/min (20°C ambient)

Thermal power ratings in kW

| Nominal ratio | Cooling system | Size | | | | | | | | | | | |
|---------------|----------------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| | | 100 | 150 | 210 | 285 | 390 | 525 | 600 | 700 | 920 | 1400 | 2100 | 3500 |
| 12.5 - 18 | No cooling | 77 | 100 | 125 | 139 | 148 | 144 | 183 | 167 | 192 | 274 | 361 | 483 |
| | Dual directional shaft fan | 132 | 171 | 215 | 246 | 262 | 342 | 360 | 397 | 399 | 622 | 736 | |
| | Uni-directional shaft fan | 171 | 222 | 280 | 320 | 341 | 445 | 468 | 516 | 519 | | | |
| | Electric fan | 246 | 319 | 401 | 467 | 498 | 571 | 685 | 662 | 758 | 1096 | 1443 | 2413 |
| 20 - 28 | No cooling | 68 | 88 | 111 | 123 | 131 | 128 | 162 | 148 | 169 | 274 | 327 | 483 |
| | Dual directional shaft fan | 112 | 145 | 183 | 209 | 223 | 291 | 306 | 337 | 339 | 622 | 666 | |
| | Uni-directional shaft fan | 145 | 189 | 238 | 272 | 289 | 378 | 398 | 439 | 440 | | | |
| | Electric fan | 220 | 285 | 359 | 418 | 445 | 510 | 612 | 592 | 678 | 1096 | 1307 | 2413 |
| 31.5 - 45 | No cooling | 61 | 79 | 100 | 111 | 118 | 115 | 146 | 134 | 153 | 247 | 295 | 483 |
| | Dual directional shaft fan | 90 | 117 | 148 | 169 | 180 | 235 | 247 | 272 | 273 | 502 | 538 | |
| | Uni-directional shaft fan | 117 | 152 | 192 | 219 | 233 | 305 | 321 | 354 | 355 | | | |
| | Electric fan | 180 | 233 | 294 | 342 | 364 | 418 | 501 | 484 | 555 | 897 | 1069 | 2413 |
| 50 - 63 | No cooling | 54 | 70 | 88 | 97 | 104 | 101 | 128 | 117 | 134 | 217 | 258 | 483 |
| | Dual directional shaft fan | 75 | 98 | 123 | 141 | 150 | 196 | 206 | 227 | 228 | 420 | 449 | |
| | Uni-directional shaft fan | 98 | 127 | 160 | 183 | 195 | 255 | 268 | 296 | 297 | | | |
| | Electric fan | 161 | 208 | 262 | 305 | 325 | 373 | 447 | 433 | 495 | 801 | 955 | 2263 |

MagnaGear XTR right angle shaft thermal ratings - 1800 r/min (40°C ambient)

Thermal power ratings in kW

| Nominal ratio | Cooling system | Size | | | | | | | | | | | |
|---------------|----------------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| | | 100 | 150 | 210 | 285 | 390 | 525 | 600 | 700 | 920 | 1400 | 2100 | 3500 |
| 12.5 - 18 | No cooling | 61 | 79 | 99 | 110 | 117 | 114 | 145 | 132 | 151 | 216 | 285 | 381 |
| | Dual directional shaft fan | 104 | 135 | 170 | 194 | 207 | 271 | 284 | 314 | 315 | 491 | 581 | |
| | Uni-directional shaft fan | 135 | 176 | 221 | 253 | 269 | 352 | 370 | 408 | 410 | | | |
| | Electric fan | 194 | 252 | 317 | 369 | 393 | 451 | 541 | 523 | 599 | 865 | 1140 | 1906 |
| 20 - 28 | No cooling | 54 | 69 | 88 | 97 | 103 | 101 | 128 | 117 | 134 | 216 | 258 | 381 |
| | Dual directional shaft fan | 88 | 115 | 144 | 165 | 176 | 230 | 242 | 267 | 268 | 491 | 526 | |
| | Uni-directional shaft fan | 115 | 149 | 188 | 215 | 229 | 299 | 314 | 347 | 348 | | | |
| | Electric fan | 174 | 225 | 283 | 330 | 352 | 403 | 484 | 468 | 535 | 865 | 1032 | 1906 |
| 31.5 - 45 | No cooling | 48 | 63 | 79 | 88 | 93 | 91 | 115 | 106 | 121 | 196 | 233 | 381 |
| | Dual directional shaft fan | 71 | 93 | 117 | 133 | 142 | 185 | 195 | 215 | 216 | 397 | 425 | |
| | Uni-directional shaft fan | 93 | 120 | 151 | 173 | 184 | 241 | 254 | 280 | 281 | | | |
| | Electric fan | 142 | 184 | 232 | 270 | 288 | 330 | 396 | 383 | 438 | 709 | 845 | 1906 |
| 50 - 63 | No cooling | 42 | 55 | 69 | 77 | 82 | 80 | 101 | 93 | 106 | 171 | 204 | 381 |
| | Dual directional shaft fan | 60 | 77 | 97 | 111 | 119 | 155 | 163 | 180 | 180 | 331 | 355 | |
| | Uni-directional shaft fan | 77 | 100 | 127 | 145 | 154 | 201 | 212 | 234 | 235 | | | |
| | Electric fan | 127 | 164 | 207 | 241 | 257 | 295 | 353 | 342 | 391 | 633 | 754 | 1787 |

MagnaGear XTR[®] gear reducers

Ratings – right angle shaft reducers – thermal power

MagnaGear XTR right angle shaft thermal ratings - 1500 r/min (20°C ambient)

Thermal power ratings in kW

| Nominal ratio | Cooling system | Size | | | | | | | | | | | |
|---------------|----------------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| | | 100 | 150 | 210 | 285 | 390 | 525 | 600 | 700 | 920 | 1400 | 2100 | 3500 |
| 12.5 - 18 | No cooling | 74 | 100 | 127 | 137 | 158 | 154 | 196 | 179 | 205 | 274 | 361 | 483 |
| | Dual directional shaft fan | 129 | 168 | 213 | 242 | 264 | 351 | 370 | 408 | 409 | 622 | 736 | |
| | Uni-directional shaft fan | 168 | 219 | 277 | 315 | 343 | 457 | 481 | 530 | 532 | | | |
| | Electric fan | 233 | 302 | 381 | 443 | 472 | 541 | 649 | 628 | 719 | 1096 | 1364 | 2413 |
| 20 - 28 | No cooling | 64 | 86 | 110 | 118 | 127 | 126 | 167 | 150 | 178 | 274 | 361 | 483 |
| | Dual directional shaft fan | 104 | 135 | 170 | 194 | 206 | 282 | 283 | 313 | 314 | 577 | 618 | |
| | Uni-directional shaft fan | 135 | 175 | 220 | 252 | 268 | 366 | 369 | 407 | 408 | | | |
| | Electric fan | 207 | 268 | 338 | 394 | 419 | 481 | 577 | 558 | 638 | 1017 | 1212 | 2413 |
| 31.5 - 45 | No cooling | 60 | 78 | 99 | 109 | 116 | 113 | 144 | 132 | 151 | 254 | 320 | 483 |
| | Dual directional shaft fan | 83 | 107 | 135 | 154 | 164 | 215 | 226 | 249 | 250 | 450 | 506 | |
| | Uni-directional shaft fan | 107 | 139 | 175 | 200 | 214 | 279 | 293 | 324 | 325 | | | |
| | Electric fan | 168 | 217 | 274 | 319 | 340 | 390 | 467 | 452 | 517 | 824 | 982 | 2327 |
| 50 - 63 | No cooling | 52 | 68 | 85 | 94 | 101 | 98 | 125 | 114 | 130 | 219 | 277 | 482 |
| | Dual directional shaft fan | 69 | 89 | 112 | 128 | 137 | 178 | 188 | 207 | 208 | 374 | 421 | |
| | Uni-directional shaft fan | 89 | 116 | 146 | 167 | 178 | 232 | 244 | 269 | 270 | | | |
| | Electric fan | 149 | 193 | 243 | 283 | 302 | 346 | 415 | 401 | 459 | 699 | 833 | 1974 |

MagnaGear XTR right angle shaft thermal ratings - 1500 r/min (40°C ambient)

Thermal power ratings in kW

| Nominal ratio | Cooling system | Size | | | | | | | | | | | |
|---------------|----------------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| | | 100 | 150 | 210 | 285 | 390 | 525 | 600 | 700 | 920 | 1400 | 2100 | 3500 |
| 12.5 - 18 | No cooling | 59 | 79 | 100 | 108 | 125 | 122 | 155 | 141 | 162 | 216 | 285 | 381 |
| | Dual directional shaft fan | 102 | 133 | 169 | 192 | 209 | 278 | 292 | 322 | 323 | 491 | 581 | |
| | Uni-directional shaft fan | 132 | 173 | 219 | 249 | 271 | 361 | 380 | 419 | 420 | | | |
| | Electric fan | 184 | 239 | 301 | 350 | 373 | 428 | 513 | 496 | 568 | 865 | 1078 | 1906 |
| 20 - 28 | No cooling | 51 | 68 | 87 | 94 | 100 | 99 | 132 | 118 | 140 | 216 | 285 | 381 |
| | Dual directional shaft fan | 82 | 106 | 134 | 153 | 163 | 223 | 224 | 247 | 248 | 456 | 488 | |
| | Uni-directional shaft fan | 107 | 138 | 174 | 199 | 212 | 289 | 291 | 321 | 323 | | | |
| | Electric fan | 164 | 212 | 267 | 311 | 331 | 380 | 456 | 441 | 504 | 803 | 957 | 1906 |
| 31.5 - 45 | No cooling | 48 | 62 | 78 | 86 | 92 | 90 | 114 | 104 | 119 | 200 | 253 | 381 |
| | Dual directional shaft fan | 65 | 85 | 107 | 122 | 130 | 170 | 178 | 197 | 198 | 355 | 400 | |
| | Uni-directional shaft fan | 85 | 110 | 139 | 158 | 169 | 220 | 232 | 256 | 257 | | | |
| | Electric fan | 133 | 172 | 216 | 252 | 268 | 308 | 369 | 357 | 409 | 651 | 776 | 1838 |
| 50 - 63 | No cooling | 41 | 53 | 67 | 75 | 80 | 77 | 99 | 90 | 103 | 173 | 219 | 381 |
| | Dual directional shaft fan | 54 | 70 | 89 | 101 | 108 | 141 | 148 | 164 | 164 | 295 | 332 | |
| | Uni-directional shaft fan | 71 | 91 | 115 | 132 | 140 | 183 | 193 | 213 | 214 | | | |
| | Electric fan | 118 | 153 | 192 | 224 | 238 | 273 | 328 | 317 | 363 | 552 | 658 | 1560 |

MagnaGear XTR[®] gear reducers

Ratings – right angle shaft reducers – thermal power

MagnaGear XTR right angle shaft thermal ratings - 1200 r/min (20°C ambient)

Thermal power ratings in kW

| Nominal ratio | Cooling system | Size | | | | | | | | | | | |
|---------------|----------------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| | | 100 | 150 | 210 | 285 | 390 | 525 | 600 | 700 | 920 | 1400 | 2100 | 3500 |
| 12.5 - 18 | No cooling | 78 | 106 | 135 | 146 | 160 | 160 | 209 | 188 | 219 | 274 | 361 | 483 |
| | Dual directional shaft fan | 123 | 160 | 200 | 230 | 244 | 320 | 337 | 370 | 372 | 622 | 736 | |
| | Uni-directional shaft fan | 160 | 207 | 261 | 298 | 317 | 416 | 438 | 481 | 484 | | | |
| | Electric fan | 221 | 286 | 360 | 420 | 447 | 512 | 614 | 595 | 681 | 1029 | 1226 | 2413 |
| 20 - 28 | No cooling | 64 | 87 | 110 | 119 | 131 | 130 | 170 | 153 | 178 | 274 | 361 | 483 |
| | Dual directional shaft fan | 93 | 120 | 152 | 173 | 185 | 258 | 259 | 280 | 281 | 516 | 580 | |
| | Uni-directional shaft fan | 121 | 157 | 197 | 225 | 240 | 335 | 336 | 364 | 365 | | | |
| | Electric fan | 195 | 253 | 318 | 371 | 395 | 453 | 543 | 525 | 601 | 910 | 1084 | 2413 |
| 31.5 - 45 | No cooling | 59 | 76 | 96 | 106 | 113 | 110 | 140 | 128 | 147 | 249 | 333 | 483 |
| | Dual directional shaft fan | 73 | 94 | 119 | 136 | 145 | 189 | 199 | 219 | 220 | 396 | 472 | |
| | Uni-directional shaft fan | 95 | 123 | 155 | 177 | 188 | 246 | 259 | 285 | 286 | | | |
| | Electric fan | 157 | 204 | 257 | 299 | 318 | 365 | 437 | 423 | 485 | 733 | 873 | 2070 |
| 50 - 63 | No cooling | 50 | 64 | 81 | 90 | 96 | 93 | 118 | 108 | 124 | 211 | 282 | 462 |
| | Dual directional shaft fan | 61 | 79 | 100 | 114 | 121 | 159 | 167 | 184 | 185 | 332 | 420 | |
| | Uni-directional shaft fan | 79 | 103 | 130 | 148 | 158 | 206 | 217 | 239 | 240 | | | |
| | Electric fan | 140 | 182 | 229 | 267 | 284 | 326 | 391 | 378 | 433 | 625 | 745 | 1766 |

MagnaGear XTR right angle shaft thermal ratings - 1200 r/min (40°C ambient)

Thermal power ratings in kW

| Nominal ratio | Cooling system | Size | | | | | | | | | | | |
|---------------|----------------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| | | 100 | 150 | 210 | 285 | 390 | 525 | 600 | 700 | 920 | 1400 | 2100 | 3500 |
| 12.5 - 18 | No cooling | 62 | 84 | 107 | 115 | 127 | 126 | 165 | 148 | 173 | 216 | 285 | 381 |
| | Dual directional shaft fan | 97 | 126 | 158 | 181 | 193 | 253 | 266 | 292 | 294 | 491 | 581 | |
| | Uni-directional shaft fan | 126 | 164 | 206 | 236 | 251 | 328 | 346 | 380 | 382 | | | |
| | Electric fan | 174 | 226 | 285 | 331 | 353 | 405 | 485 | 470 | 538 | 813 | 969 | 1906 |
| 20 - 28 | No cooling | 51 | 69 | 87 | 94 | 103 | 103 | 134 | 121 | 141 | 216 | 285 | 381 |
| | Dual directional shaft fan | 73 | 95 | 120 | 137 | 146 | 204 | 204 | 221 | 222 | 408 | 458 | |
| | Uni-directional shaft fan | 95 | 124 | 156 | 178 | 190 | 265 | 266 | 287 | 289 | | | |
| | Electric fan | 154 | 200 | 252 | 293 | 312 | 358 | 429 | 415 | 475 | 719 | 856 | 1906 |
| 31.5 - 45 | No cooling | 46 | 60 | 76 | 84 | 89 | 87 | 111 | 101 | 116 | 197 | 263 | 381 |
| | Dual directional shaft fan | 57 | 75 | 94 | 107 | 114 | 149 | 157 | 173 | 174 | 313 | 373 | |
| | Uni-directional shaft fan | 75 | 97 | 122 | 140 | 149 | 194 | 204 | 225 | 226 | | | |
| | Electric fan | 124 | 161 | 203 | 236 | 251 | 288 | 345 | 334 | 383 | 579 | 690 | 1635 |
| 50 - 63 | No cooling | 39 | 51 | 64 | 71 | 76 | 74 | 94 | 86 | 98 | 167 | 223 | 365 |
| | Dual directional shaft fan | 48 | 62 | 79 | 90 | 96 | 125 | 132 | 145 | 146 | 263 | 332 | |
| | Uni-directional shaft fan | 63 | 81 | 102 | 117 | 125 | 163 | 171 | 189 | 190 | | | |
| | Electric fan | 111 | 144 | 181 | 211 | 225 | 257 | 309 | 299 | 342 | 494 | 589 | 1395 |

MagnaGear XTR[®] gear reducers

Ratings – right angle shaft reducers – thermal power

MagnaGear XTR right angle shaft thermal ratings - 1000 r/min (20°C ambient)

Thermal power ratings in kW

| Nominal ratio | Cooling system | Size | | | | | | | | | | | |
|---------------|----------------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| | | 100 | 150 | 210 | 285 | 390 | 525 | 600 | 700 | 920 | 1400 | 2100 | 3500 |
| 12.5 - 18 | No cooling | 72 | 98 | 125 | 134 | 152 | 150 | 195 | 179 | 208 | 274 | 361 | 483 |
| | Dual directional shaft fan | 84 | 122 | 138 | 176 | 167 | 245 | 278 | 254 | 286 | 585 | 658 | |
| | Uni-directional shaft fan | 109 | 159 | 179 | 229 | 218 | 319 | 361 | 330 | 371 | | | |
| | Electric fan | 209 | 261 | 341 | 383 | 423 | 467 | 561 | 563 | 621 | 973 | 1159 | 2413 |
| 20 - 28 | No cooling | 61 | 83 | 106 | 113 | 128 | 127 | 164 | 151 | 175 | 274 | 361 | 483 |
| | Dual directional shaft fan | 78 | 101 | 128 | 146 | 155 | 228 | 230 | 236 | 237 | 485 | 545 | |
| | Uni-directional shaft fan | 102 | 132 | 166 | 190 | 202 | 296 | 299 | 306 | 308 | | | |
| | Electric fan | 178 | 231 | 290 | 338 | 360 | 413 | 495 | 479 | 549 | 854 | 1018 | 2412 |
| 31.5 - 45 | No cooling | 54 | 70 | 89 | 98 | 105 | 102 | 130 | 119 | 136 | 269 | 361 | 483 |
| | Dual directional shaft fan | 62 | 80 | 101 | 115 | 122 | 160 | 168 | 186 | 186 | 380 | 427 | |
| | Uni-directional shaft fan | 80 | 104 | 131 | 149 | 159 | 208 | 219 | 241 | 242 | | | |
| | Electric fan | 143 | 185 | 233 | 271 | 289 | 331 | 397 | 384 | 440 | 685 | 816 | 1934 |
| 50 - 63 | No cooling | 46 | 60 | 75 | 83 | 89 | 86 | 110 | 100 | 115 | 227 | 308 | 456 |
| | Dual directional shaft fan | 52 | 67 | 84 | 96 | 103 | 134 | 141 | 156 | 156 | 313 | 352 | |
| | Uni-directional shaft fan | 67 | 87 | 110 | 125 | 133 | 174 | 184 | 202 | 203 | | | |
| | Electric fan | 128 | 166 | 209 | 243 | 259 | 297 | 356 | 345 | 395 | 588 | 700 | 1659 |

MagnaGear XTR right angle shaft thermal ratings - 1000 r/min (40°C ambient)

Thermal power ratings in kW

| Nominal ratio | Cooling system | Size | | | | | | | | | | | |
|---------------|----------------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| | | 100 | 150 | 210 | 285 | 390 | 525 | 600 | 700 | 920 | 1400 | 2100 | 3500 |
| 12.5 - 18 | No cooling | 57 | 78 | 99 | 106 | 120 | 119 | 154 | 142 | 164 | 216 | 285 | 381 |
| | Dual directional shaft fan | 67 | 97 | 109 | 139 | 132 | 194 | 220 | 201 | 226 | 462 | 520 | |
| | Uni-directional shaft fan | 86 | 126 | 141 | 181 | 172 | 252 | 285 | 261 | 293 | | | |
| | Electric fan | 165 | 206 | 269 | 302 | 334 | 369 | 443 | 445 | 490 | 768 | 915 | 1906 |
| 20 - 28 | No cooling | 48 | 65 | 83 | 89 | 101 | 100 | 129 | 119 | 138 | 216 | 285 | 381 |
| | Dual directional shaft fan | 62 | 80 | 101 | 115 | 123 | 180 | 182 | 186 | 187 | 383 | 431 | |
| | Uni-directional shaft fan | 80 | 104 | 131 | 150 | 160 | 234 | 237 | 242 | 243 | | | |
| | Electric fan | 141 | 182 | 229 | 267 | 285 | 326 | 391 | 379 | 433 | 675 | 804 | 1905 |
| 31.5 - 45 | No cooling | 43 | 56 | 70 | 78 | 83 | 81 | 102 | 94 | 107 | 213 | 285 | 381 |
| | Dual directional shaft fan | 49 | 63 | 79 | 91 | 97 | 126 | 133 | 147 | 147 | 300 | 338 | |
| | Uni-directional shaft fan | 63 | 82 | 103 | 118 | 126 | 164 | 173 | 191 | 191 | | | |
| | Electric fan | 113 | 146 | 184 | 214 | 228 | 262 | 314 | 304 | 348 | 541 | 645 | 1528 |
| 50 - 63 | No cooling | 36 | 47 | 59 | 66 | 70 | 68 | 87 | 79 | 91 | 180 | 243 | 360 |
| | Dual directional shaft fan | 41 | 53 | 67 | 76 | 81 | 106 | 112 | 123 | 123 | 247 | 278 | |
| | Uni-directional shaft fan | 53 | 69 | 87 | 99 | 105 | 138 | 145 | 160 | 161 | | | |
| | Electric fan | 101 | 131 | 165 | 192 | 205 | 235 | 281 | 272 | 312 | 464 | 553 | 1311 |

MagnaGear XTR[®] gear reducers

Ratings – parallel shaft reducers – input power

Input power ratings in kW

| Nominal ratio | High speed shaft r/min | Low speed shaft r/min | Size | | | | | | | | | | | |
|---------------|------------------------|-----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | | G100 | G150 | G210 | G285 | G390 | G525 | G600 | G700 | G920 | G1400 | G2100 | G3500 |
| 8.0 | Exact ratio | | 8.146 | 8.146 | 8.044 | 7.759 | 7.754 | 8.182 | 8.227 | 8.083 | 8.155 | | | |
| | 1800 | 225 | 224 | 357 | 495 | 721 | 981 | 1184 | 1319 | 1637 | 2185 | | | |
| | 1500 | 188 | 191 | 304 | 422 | 614 | 835 | 1048 | 1168 | 1456 | 1900 | | | |
| | 1200 | 150 | 156 | 248 | 345 | 501 | 682 | 902 | 992 | 1189 | 1551 | | | |
| | 1000 | 125 | 130 | 207 | 287 | 418 | 568 | 752 | 827 | 991 | 1293 | | | |
| 9.0 | Exact ratio | | 9.189 | 9.189 | 9.091 | 8.838 | 8.719 | 9.133 | 9.113 | 9.048 | 9.039 | | | |
| | 1800 | 200 | 201 | 321 | 444 | 641 | 883 | 1097 | 1229 | 1513 | 2027 | | | |
| | 1500 | 167 | 171 | 273 | 378 | 546 | 752 | 971 | 1088 | 1316 | 1726 | | | |
| | 1200 | 133 | 140 | 222 | 308 | 445 | 613 | 817 | 925 | 1074 | 1409 | | | |
| | 1000 | 111 | 116 | 185 | 257 | 371 | 511 | 681 | 771 | 895 | 1174 | | | |
| 10.0 | Exact ratio | | 10.278 | 10.278 | 10.180 | 9.813 | 9.579 | 10.227 | 10.372 | 10.161 | 10.172 | | | |
| | 1800 | 180 | 182 | 290 | 402 | 584 | 812 | 1022 | 1126 | 1394 | 1831 | | | |
| | 1500 | 150 | 155 | 247 | 341 | 496 | 690 | 904 | 997 | 1185 | 1558 | | | |
| | 1200 | 120 | 126 | 201 | 278 | 404 | 562 | 737 | 834 | 967 | 1271 | | | |
| | 1000 | 100 | 105 | 167 | 232 | 337 | 468 | 614 | 695 | 806 | 1059 | | | |
| 11.2 | Exact ratio | | 11.363 | 11.363 | 11.480 | 10.956 | 10.847 | 11.499 | 11.293 | 11.460 | 11.340 | | | |
| | 1800 | 161 | 166 | 265 | 361 | 529 | 726 | 946 | 1060 | 1251 | 1661 | | | |
| | 1500 | 134 | 141 | 225 | 306 | 449 | 616 | 813 | 939 | 1063 | 1412 | | | |
| | 1200 | 107 | 115 | 183 | 249 | 365 | 501 | 663 | 769 | 867 | 1152 | | | |
| | 1000 | 89 | 96 | 152 | 207 | 304 | 418 | 552 | 641 | 722 | 960 | | | |
| 12.5 | Exact ratio | | 12.435 | 12.435 | 12.776 | 12.256 | 11.824 | 12.727 | 12.797 | 12.764 | 12.776 | 12.402 | 12.367 | |
| | 1800 | 144 | 153 | 244 | 327 | 478 | 672 | 873 | 971 | 1135 | 1492 | 2159 | 3343 | |
| | 1500 | 120 | 130 | 207 | 277 | 405 | 570 | 742 | 853 | 964 | 1268 | 1817 | 2815 | |
| | 1200 | 96 | 106 | 168 | 226 | 330 | 463 | 604 | 682 | 786 | 1034 | 1468 | 2274 | |
| | 1000 | 80 | 88 | 140 | 188 | 275 | 386 | 504 | 569 | 655 | 835 | 1234 | 1912 | |
| 14.0 | Exact ratio | | 14.167 | 14.167 | 14.264 | 13.571 | 13.543 | 14.126 | 14.267 | 14.370 | 14.211 | 14.333 | 14.000 | |
| | 1800 | 129 | 136 | 217 | 296 | 436 | 594 | 795 | 902 | 1020 | 1350 | 1882 | 2972 | |
| | 1500 | 107 | 115 | 184 | 251 | 369 | 504 | 675 | 770 | 866 | 1147 | 1583 | 2502 | |
| | 1200 | 86 | 94 | 149 | 204 | 301 | 410 | 550 | 616 | 706 | 935 | 1279 | 2021 | |
| | 1000 | 71 | 78 | 125 | 170 | 250 | 342 | 458 | 513 | 588 | 779 | 1074 | 1699 | |
| 16.0 | Exact ratio | | 15.678 | 15.678 | 15.600 | 15.761 | 16.476 | 15.758 | 15.841 | 15.777 | 16.046 | 16.195 | 15.951 | |
| | 1800 | 113 | 124 | 198 | 273 | 381 | 498 | 720 | 834 | 937 | 1215 | 1675 | 2626 | |
| | 1500 | 94 | 105 | 167 | 231 | 323 | 422 | 611 | 695 | 796 | 1031 | 1409 | 2210 | |
| | 1200 | 75 | 85 | 136 | 188 | 263 | 343 | 497 | 556 | 648 | 840 | 1138 | 1785 | |
| | 1000 | 63 | 71 | 114 | 157 | 219 | 286 | 414 | 463 | 540 | 700 | 956 | 1500 | |
| 18.0 | Exact ratio | | 17.657 | 17.657 | 17.804 | 17.722 | 18.325 | 17.686 | 17.900 | 17.492 | 17.888 | 17.829 | 17.684 | 18.270 |
| | 1800 | 100 | 111 | 177 | 241 | 342 | 452 | 648 | 742 | 853 | 1101 | 1529 | 2381 | 3847 |
| | 1500 | 83 | 94 | 150 | 205 | 290 | 383 | 550 | 619 | 724 | 934 | 1286 | 2003 | 3238 |
| | 1200 | 67 | 77 | 122 | 167 | 236 | 312 | 447 | 495 | 590 | 761 | 1038 | 1617 | 2615 |
| | 1000 | 56 | 64 | 102 | 139 | 197 | 260 | 373 | 412 | 491 | 634 | 872 | 1359 | 2198 |
| 20.0 | Exact ratio | | 20.737 | 20.737 | 20.560 | 20.096 | 20.526 | 19.818 | 19.861 | 19.576 | 20.297 | 19.722 | 19.714 | 20.262 |
| | 1800 | 90 | 96 | 153 | 212 | 305 | 407 | 584 | 671 | 770 | 981 | 1389 | 2147 | 3487 |
| | 1500 | 75 | 81 | 129 | 180 | 259 | 346 | 496 | 559 | 654 | 833 | 1168 | 1806 | 2934 |
| | 1200 | 60 | 66 | 105 | 146 | 211 | 282 | 403 | 447 | 532 | 678 | 942 | 1458 | 2369 |
| | 1000 | 50 | 55 | 88 | 122 | 176 | 235 | 336 | 373 | 443 | 565 | 791 | 1224 | 1991 |
| 22.4 | Exact ratio | | 22.487 | 22.487 | 21.938 | 23.598 | 23.191 | 22.013 | 21.938 | 22.076 | 22.200 | 22.765 | 22.125 | 22.606 |
| | 1800 | 80 | 89 | 142 | 200 | 263 | 365 | 531 | 609 | 691 | 904 | 1211 | 1997 | 3142 |
| | 1500 | 67 | 75 | 120 | 169 | 224 | 309 | 450 | 508 | 586 | 767 | 1018 | 1679 | 2643 |
| | 1200 | 54 | 61 | 98 | 138 | 182 | 252 | 366 | 406 | 476 | 624 | 821 | 1355 | 2134 |
| | 1000 | 45 | 51 | 82 | 113 | 152 | 210 | 305 | 338 | 397 | 520 | 689 | 1138 | 1793 |
| 25.0 | Exact ratio | | 25.343 | 25.500 | 24.802 | 25.187 | 25.405 | 24.873 | 25.235 | 25.132 | 24.624 | 25.562 | 25.034 | 25.403 |
| | 1800 | 72 | 79 | 127 | 178 | 248 | 335 | 475 | 525 | 613 | 823 | 1084 | 1851 | 2812 |
| | 1500 | 60 | 67 | 107 | 151 | 211 | 284 | 402 | 444 | 520 | 698 | 911 | 1556 | 2365 |
| | 1200 | 48 | 55 | 87 | 123 | 172 | 232 | 327 | 355 | 423 | 568 | 735 | 1256 | 1909 |
| | 1000 | 40 | 46 | 73 | 103 | 143 | 193 | 273 | 296 | 352 | 473 | 617 | 1055 | 1603 |
| 28.0 | Exact ratio | | 28.589 | 28.766 | 28.031 | 28.119 | 28.767 | 27.510 | 28.722 | 27.577 | 27.235 | 27.749 | 28.615 | 27.590 |
| | 1800 | 64 | 71 | 109 | 160 | 224 | 300 | 433 | 473 | 563 | 751 | 1002 | 1709 | 2599 |
| | 1500 | 54 | 60 | 92 | 135 | 190 | 254 | 367 | 394 | 477 | 636 | 842 | 1437 | 2185 |
| | 1200 | 43 | 49 | 75 | 110 | 155 | 207 | 298 | 315 | 388 | 517 | 679 | 1159 | 1764 |
| | 1000 | 36 | 41 | 65 | 92 | 129 | 172 | 248 | 263 | 323 | 431 | 570 | 974 | 1481 |
| 31.5 | Exact ratio | | 31.975 | 32.174 | 31.389 | 31.457 | 31.359 | | 31.274 | | | 31.659 | 31.500 | 31.500 |
| | 1800 | 57 | 64 | 98 | 144 | 202 | 277 | | 436 | | | 883 | 1372 | 2290 |
| | 1500 | 48 | 54 | 83 | 122 | 172 | 235 | | 363 | | | 742 | 1153 | 1925 |
| | 1200 | 38 | 44 | 68 | 99 | 140 | 191 | | 291 | | | 598 | 930 | 1553 |
| | 1000 | 32 | 37 | 59 | 83 | 116 | 159 | | 242 | | | 502 | 781 | 1304 |
| 35.5 | Exact ratio | | 35.351 | 35.571 | 35.396 | 34.831 | 35.917 | | 35.438 | | | 34.810 | 34.909 | 34.650 |
| | 1800 | 51 | 58 | 90 | 129 | 184 | 244 | | 387 | | | 806 | 1244 | 2091 |
| | 1500 | 42 | 49 | 76 | 109 | 156 | 207 | | 323 | | | 677 | 1045 | 1757 |
| | 1200 | 34 | 40 | 62 | 89 | 127 | 168 | | 258 | | | 546 | 842 | 1417 |
| | 1000 | 28 | 34 | 54 | 74 | 106 | 140 | | 215 | | | 458 | 707 | 1190 |

MagnaGear XTR[®] gear reducers

Ratings – parallel shaft reducers – input power

Input power ratings in kW

| Nominal ratio | High speed shaft r/min | Low speed shaft r/min | Size | | | | | | | | | | | |
|---------------|------------------------|-----------------------|--------|--------|--------|--------|--------|------|--------|------|------|--------|--------|--------|
| | | | G100 | G150 | G210 | G285 | G390 | G525 | G600 | G700 | G920 | G1400 | G2100 | G3500 |
| 40.0 | Exact ratio | | 38.687 | 38.928 | 39.392 | 40.453 | 39.519 | | 39.509 | | | 38.511 | 38.609 | 38.373 |
| | 1800 | 45 | 54 | 83 | 117 | 161 | 224 | | 350 | | | 732 | 1129 | 1896 |
| | 1500 | 38 | 46 | 70 | 99 | 136 | 190 | | 291 | | | 615 | 949 | 1593 |
| | 1200 | 30 | 37 | 57 | 81 | 111 | 154 | | 233 | | | 495 | 765 | 1285 |
| | 1000 | 25 | 31 | 49 | 67 | 92 | 128 | | 194 | | | 415 | 642 | 1078 |
| 45.0 | Exact ratio | | 44.074 | 44.348 | 43.980 | 45.487 | 43.697 | | 43.867 | | | | | |
| | 1800 | 40 | 48 | 73 | 106 | 144 | 204 | | 316 | | | | | |
| | 1500 | 33 | 40 | 62 | 90 | 122 | 173 | | 263 | | | | | |
| | 1200 | 27 | 33 | 50 | 73 | 99 | 140 | | 210 | | | | | |
| | 1000 | 22 | 27 | 44 | 61 | 83 | 117 | | 175 | | | | | |
| 50.0 | Exact ratio | | 48.775 | 49.078 | 51.357 | 51.581 | 48.601 | | 49.568 | | | | | |
| | 1800 | 36 | 43 | 67 | 92 | 128 | 185 | | 281 | | | | | |
| | 1500 | 30 | 37 | 56 | 78 | 109 | 156 | | 234 | | | | | |
| | 1200 | 24 | 30 | 46 | 63 | 88 | 127 | | 187 | | | | | |
| | 1000 | 20 | 25 | 40 | 52 | 73 | 106 | | 156 | | | | | |
| 56.0 | Exact ratio | | 54.933 | 55.274 | 54.897 | 55.825 | 54.439 | | 54.999 | | | | | |
| | 1800 | 32 | 39 | 60 | 86 | 119 | 166 | | 254 | | | | | |
| | 1500 | 27 | 33 | 51 | 73 | 101 | 141 | | 212 | | | | | |
| | 1200 | 21 | 27 | 41 | 59 | 82 | 114 | | 169 | | | | | |
| | 1000 | 18 | 22 | 36 | 49 | 68 | 95 | | 141 | | | | | |
| 63.0 | Exact ratio | | 64.642 | 64.915 | 63.393 | 60.568 | 61.507 | | 60.750 | | | | | |
| | 1800 | 29 | 33 | 51 | 76 | 108 | 149 | | 231 | | | | | |
| | 1500 | 24 | 28 | 43 | 64 | 91 | 126 | | 192 | | | | | |
| | 1200 | 19 | 23 | 35 | 52 | 74 | 102 | | 154 | | | | | |
| | 1000 | 16 | 19 | 31 | 43 | 59 | 85 | | 128 | | | | | |

MagnaGear XTR® gear reducers

Ratings – parallel shaft reducers – torque

Torque rating in kNm

| Nominal ratio | High speed shaft r/min | Low speed shaft r/min | Size | | | | | | | | | | | |
|---------------|------------------------|-----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | | G100 | G150 | G210 | G285 | G390 | G525 | G600 | G700 | G920 | G1400 | G2100 | G3500 |
| 8.0 | Exact ratio | | 8.146 | 8.146 | 8.044 | 7.759 | 7.754 | 8.182 | 8.227 | 8.083 | 8.155 | | | |
| | 1800 | 225 | 9.6 | 15.4 | 21.1 | 29.7 | 40.4 | 51.4 | 57.6 | 70.2 | 94.5 | | | |
| | 1500 | 188 | 9.8 | 15.8 | 21.6 | 30.3 | 41.2 | 54.6 | 61.2 | 74.9 | 98.6 | | | |
| | 1200 | 150 | 10.0 | 16.1 | 22.1 | 30.9 | 42.1 | 58.8 | 65.0 | 76.5 | 101 | | | |
| | 1000 | 125 | 10.1 | 16.3 | 22.3 | 31.3 | 42.6 | 59.5 | 65.8 | 77.5 | 102 | | | |
| 9.0 | Exact ratio | | 9.189 | 9.189 | 9.091 | 8.838 | 8.719 | 9.133 | 9.113 | 9.048 | 9.039 | | | |
| | 1800 | 200 | 9.7 | 15.6 | 21.4 | 30.1 | 40.9 | 53.2 | 59.4 | 72.6 | 97.2 | | | |
| | 1500 | 167 | 9.9 | 16.0 | 21.9 | 30.7 | 41.8 | 56.5 | 63.1 | 75.8 | 99.3 | | | |
| | 1200 | 133 | 10.1 | 16.3 | 22.3 | 31.3 | 42.6 | 59.4 | 67.1 | 77.3 | 101 | | | |
| | 1000 | 111 | 10.3 | 16.5 | 22.6 | 31.7 | 43.1 | 60.2 | 68.0 | 78.3 | 103 | | | |
| 10.0 | Exact ratio | | 10.278 | 10.278 | 10.180 | 9.813 | 9.579 | 10.227 | 10.372 | 10.161 | 10.172 | | | |
| | 1800 | 180 | 9.9 | 15.8 | 21.7 | 30.4 | 41.3 | 55.4 | 62.0 | 75.2 | 98.8 | | | |
| | 1500 | 150 | 10.0 | 16.1 | 22.1 | 31.0 | 42.1 | 58.9 | 65.8 | 76.7 | 101 | | | |
| | 1200 | 120 | 10.2 | 16.4 | 22.5 | 31.6 | 42.8 | 60.0 | 68.8 | 78.2 | 103 | | | |
| | 1000 | 100 | 10.3 | 16.6 | 22.8 | 32.0 | 43.4 | 60.8 | 69.7 | 79.2 | 104 | | | |
| 11.2 | Exact ratio | | 11.363 | 11.363 | 11.480 | 10.956 | 10.847 | 11.499 | 11.293 | 11.460 | 11.340 | | | |
| | 1800 | 161 | 10.0 | 16.0 | 22.0 | 30.7 | 41.8 | 57.7 | 63.5 | 76.1 | 100 | | | |
| | 1500 | 134 | 10.1 | 16.3 | 22.4 | 31.3 | 42.6 | 59.5 | 67.5 | 77.6 | 102 | | | |
| | 1200 | 107 | 10.3 | 16.5 | 22.7 | 31.8 | 43.3 | 60.7 | 69.1 | 79.1 | 104 | | | |
| | 1000 | 89 | 10.4 | 16.8 | 23.0 | 32.2 | 43.8 | 61.5 | 70.0 | 80.1 | 105 | | | |
| 12.5 | Exact ratio | | 12.435 | 12.435 | 12.776 | 12.256 | 11.824 | 12.727 | 12.797 | 12.764 | 12.776 | 12.402 | 12.367 | |
| | 1800 | 144 | 10.0 | 16.1 | 22.2 | 31.1 | 42.1 | 59.0 | 65.9 | 76.9 | 101 | 142 | 219 | |
| | 1500 | 120 | 10.2 | 16.4 | 22.6 | 31.6 | 42.9 | 60.1 | 69.5 | 78.4 | 100 | 143 | 222 | |
| | 1200 | 96 | 10.4 | 16.7 | 22.9 | 32.1 | 43.6 | 61.2 | 69.5 | 79.8 | 102 | 145 | 224 | |
| | 1000 | 80 | 10.5 | 16.9 | 23.2 | 32.6 | 44.2 | 62.0 | 70.4 | 80.9 | 103 | 146 | 228 | |
| 14.0 | Exact ratio | | 14.167 | 14.167 | 14.264 | 13.571 | 13.543 | 14.126 | 14.267 | 14.370 | 14.211 | 14.333 | 14.000 | |
| | 1800 | 129 | 10.1 | 16.3 | 22.4 | 31.4 | 42.7 | 59.6 | 68.2 | 77.8 | 102 | 143 | 221 | |
| | 1500 | 107 | 10.3 | 16.6 | 22.8 | 31.9 | 43.4 | 60.7 | 69.9 | 79.2 | 104 | 144 | 223 | |
| | 1200 | 86 | 10.5 | 16.9 | 23.2 | 32.5 | 44.2 | 61.8 | 69.9 | 80.7 | 106 | 146 | 225 | |
| | 1000 | 71 | 10.6 | 17.1 | 23.5 | 32.9 | 44.8 | 62.6 | 70.8 | 81.7 | 107 | 147 | 227 | |
| 16.0 | Exact ratio | | 15.678 | 15.678 | 15.600 | 15.761 | 16.476 | 15.758 | 15.841 | 15.777 | 16.046 | 16.195 | 15.951 | |
| | 1800 | 113 | 10.2 | 16.4 | 22.6 | 31.8 | 43.5 | 60.2 | 70.1 | 78.5 | 103 | 144 | 222 | |
| | 1500 | 94 | 10.4 | 16.7 | 22.9 | 32.4 | 44.2 | 61.3 | 70.5 | 79.9 | 105 | 145 | 224 | |
| | 1200 | 75 | 10.6 | 17.0 | 23.3 | 32.9 | 45.0 | 62.4 | 70.5 | 81.4 | 107 | 147 | 227 | |
| | 1000 | 63 | 10.7 | 17.2 | 23.7 | 33.4 | 45.6 | 63.2 | 71.4 | 82.4 | 109 | 148 | 228 | |
| 18.0 | Exact ratio | | 17.657 | 17.657 | 17.804 | 17.722 | 18.325 | 17.686 | 17.900 | 17.492 | 17.888 | 17.829 | 17.684 | 18.270 |
| | 1800 | 100 | 10.3 | 16.6 | 22.8 | 32.2 | 43.9 | 60.8 | 70.5 | 79.2 | 104 | 145 | 223 | 373 |
| | 1500 | 83 | 10.5 | 16.9 | 23.2 | 32.7 | 44.7 | 61.9 | 70.5 | 80.7 | 106 | 146 | 226 | 377 |
| | 1200 | 67 | 10.7 | 17.2 | 23.6 | 33.3 | 45.5 | 63.0 | 70.5 | 82.1 | 108 | 147 | 228 | 380 |
| | 1000 | 56 | 10.8 | 17.4 | 23.9 | 33.7 | 46.1 | 63.8 | 71.4 | 83.1 | 110 | 148 | 229 | 383 |
| 20.0 | Exact ratio | | 20.737 | 20.737 | 20.560 | 20.096 | 20.526 | 19.818 | 19.861 | 19.576 | 20.297 | 19.722 | 19.714 | 20.262 |
| | 1800 | 90 | 10.5 | 16.8 | 23.1 | 32.5 | 44.4 | 61.4 | 70.7 | 80.0 | 106 | 145 | 225 | 375 |
| | 1500 | 75 | 10.6 | 17.1 | 23.5 | 33.1 | 45.2 | 62.5 | 70.7 | 81.5 | 108 | 147 | 227 | 378 |
| | 1200 | 60 | 10.8 | 17.4 | 23.9 | 33.7 | 46.0 | 63.6 | 70.7 | 82.9 | 109 | 148 | 229 | 382 |
| | 1000 | 50 | 11.0 | 17.7 | 24.2 | 34.2 | 46.6 | 64.4 | 71.6 | 83.9 | 111 | 149 | 230 | 385 |
| 22.4 | Exact ratio | | 22.487 | 22.487 | 21.938 | 23.598 | 23.191 | 22.013 | 21.938 | 22.076 | 22.200 | 22.765 | 22.125 | 22.606 |
| | 1800 | 80 | 10.5 | 16.9 | 23.2 | 33.0 | 44.9 | 62.0 | 70.9 | 80.9 | 107 | 146 | 225 | 377 |
| | 1500 | 67 | 10.7 | 17.2 | 23.6 | 33.6 | 45.7 | 63.1 | 70.9 | 82.3 | 108 | 148 | 228 | 380 |
| | 1200 | 54 | 10.9 | 17.5 | 24.1 | 34.2 | 46.5 | 64.1 | 70.9 | 83.7 | 110 | 149 | 229 | 384 |
| | 1000 | 45 | 11.0 | 17.8 | 24.4 | 34.6 | 47.1 | 65.0 | 71.8 | 84.8 | 112 | 150 | 231 | 387 |
| 25.0 | Exact ratio | | 25.343 | 25.500 | 24.802 | 25.187 | 25.405 | 24.873 | 25.235 | 25.132 | 24.624 | 25.562 | 25.034 | 25.403 |
| | 1800 | 72 | 10.6 | 17.1 | 23.5 | 33.2 | 45.2 | 62.7 | 70.3 | 81.8 | 108 | 147 | 226 | 379 |
| | 1500 | 60 | 10.8 | 17.4 | 23.9 | 33.8 | 46.0 | 63.7 | 70.3 | 83.2 | 109 | 148 | 228 | 382 |
| | 1200 | 48 | 11.0 | 17.7 | 24.3 | 34.4 | 46.8 | 64.8 | 70.3 | 84.6 | 111 | 149 | 230 | 386 |
| | 1000 | 40 | 11.2 | 18.0 | 24.7 | 34.8 | 47.4 | 65.6 | 71.2 | 85.7 | 113 | 151 | 232 | 389 |
| 28.0 | Exact ratio | | 28.589 | 28.766 | 28.031 | 28.119 | 28.767 | 27.510 | 28.722 | 27.577 | 27.235 | 27.749 | 28.615 | 27.590 |
| | 1800 | 64 | 10.8 | 17.4 | 23.7 | 33.5 | 45.7 | 63.2 | 72.0 | 82.4 | 108 | 148 | 229 | 380 |
| | 1500 | 54 | 10.9 | 17.7 | 24.2 | 34.1 | 46.6 | 64.2 | 72.0 | 83.8 | 110 | 149 | 231 | 384 |
| | 1200 | 43 | 11.1 | 18.0 | 24.6 | 34.7 | 47.4 | 65.3 | 72.0 | 85.2 | 112 | 150 | 233 | 387 |
| | 1000 | 36 | 11.3 | 18.2 | 24.9 | 35.1 | 48.0 | 66.1 | 72.9 | 86.3 | 114 | 151 | 235 | 390 |
| 31.5 | Exact ratio | | 31.975 | 32.174 | 31.389 | 31.457 | 31.359 | | 31.274 | | | 31.659 | 31.500 | 31.500 |
| | 1800 | 57 | 10.9 | 17.5 | 24.0 | 33.8 | 46.1 | | 72.4 | | | 148 | 228 | 383 |
| | 1500 | 48 | 11.0 | 17.9 | 24.4 | 34.4 | 46.9 | | 72.4 | | | 150 | 231 | 386 |
| | 1200 | 38 | 11.2 | 18.1 | 24.8 | 35.0 | 47.7 | | 72.4 | | | 151 | 233 | 389 |
| | 1000 | 32 | 11.4 | 18.4 | 25.2 | 35.4 | 48.3 | | 72.4 | | | 152 | 235 | 392 |
| 35.5 | Exact ratio | | 35.351 | 35.571 | 35.396 | 34.831 | 35.917 | | 35.438 | | | 34.810 | 34.909 | 34.650 |
| | 1800 | 51 | 11.0 | 17.7 | 24.2 | 34.1 | 46.6 | | 72.8 | | | 149 | 230 | 384 |
| | 1500 | 42 | 11.1 | 18.0 | 24.7 | 34.7 | 47.4 | | 72.8 | | | 150 | 232 | 388 |
| | 1200 | 34 | 11.3 | 18.3 | 25.1 | 35.2 | 48.2 | | 72.8 | | | 151 | 234 | 391 |
| | 1000 | 28 | 11.5 | 18.5 | 25.4 | 35.7 | 48.8 | | 72.8 | | | 152 | 236 | 394 |

MagnaGear XTR[®] gear reducers

Ratings – parallel shaft reducers – torque

Torque rating in kNm

| Nominal ratio | High speed shaft r/min | Low speed shaft r/min | Size | | | | | | | | | | | |
|---------------|------------------------|-----------------------|--------|--------|--------|--------|--------|------|--------|------|------|--------|--------|--------|
| | | | G100 | G150 | G210 | G285 | G390 | G525 | G600 | G700 | G920 | G1400 | G2100 | G3500 |
| 40.0 | Exact ratio | | 38.687 | 38.928 | 39.392 | 40.453 | 39.519 | | 39.509 | | | 38.511 | 38.609 | 38.373 |
| | 1800 | 45 | 11.0 | 17.8 | 24.5 | 34.5 | 46.9 | | 73.3 | | | 150 | 231 | 386 |
| | 1500 | 38 | 11.2 | 18.1 | 24.9 | 35.1 | 47.7 | | 73.3 | | | 151 | 233 | 389 |
| | 1200 | 30 | 11.4 | 18.4 | 25.3 | 35.6 | 48.5 | | 73.3 | | | 152 | 235 | 392 |
| | 1000 | 25 | 11.5 | 18.6 | 25.6 | 36.1 | 49.1 | | 73.3 | | | 153 | 237 | 395 |
| 45.0 | Exact ratio | | 44.074 | 44.348 | 43.980 | 45.487 | 43.697 | | 43.867 | | | | | |
| | 1800 | 40 | 11.2 | 18.0 | 24.7 | 34.8 | 47.3 | | 73.5 | | | | | |
| | 1500 | 33 | 11.3 | 18.3 | 25.1 | 35.3 | 48.1 | | 73.5 | | | | | |
| | 1200 | 27 | 11.5 | 18.6 | 25.5 | 35.9 | 48.8 | | 73.5 | | | | | |
| | 1000 | 22 | 11.6 | 18.8 | 25.8 | 36.3 | 49.4 | | 73.5 | | | | | |
| 50.0 | Exact ratio | | 48.775 | 49.078 | 51.357 | 51.581 | 48.601 | | 49.568 | | | | | |
| | 1800 | 36 | 11.2 | 18.2 | 25.0 | 35.1 | 47.7 | | 73.9 | | | | | |
| | 1500 | 30 | 11.4 | 18.4 | 25.4 | 35.6 | 48.4 | | 73.9 | | | | | |
| | 1200 | 24 | 11.6 | 18.7 | 25.7 | 36.1 | 49.0 | | 73.9 | | | | | |
| | 1000 | 20 | 11.7 | 18.9 | 26.1 | 36.6 | 49.7 | | 73.9 | | | | | |
| 56.0 | Exact ratio | | 54.933 | 55.274 | 54.897 | 55.825 | 54.439 | | 54.999 | | | | | |
| | 1800 | 32 | 11.3 | 18.3 | 25.1 | 35.3 | 48.1 | | 74.1 | | | | | |
| | 1500 | 27 | 11.5 | 18.6 | 25.5 | 35.8 | 48.8 | | 74.1 | | | | | |
| | 1200 | 21 | 11.6 | 18.8 | 25.8 | 36.3 | 49.4 | | 74.1 | | | | | |
| | 1000 | 18 | 11.8 | 19.1 | 26.2 | 36.8 | 50.0 | | 74.1 | | | | | |
| 63.0 | Exact ratio | | 64.642 | 64.915 | 63.393 | 60.568 | 61.507 | | 60.750 | | | | | |
| | 1800 | 29 | 11.5 | 18.5 | 25.4 | 34.6 | 48.5 | | 74.4 | | | | | |
| | 1500 | 24 | 11.6 | 18.8 | 25.7 | 35.1 | 49.2 | | 74.4 | | | | | |
| | 1200 | 19 | 11.7 | 19.0 | 26.0 | 35.5 | 49.7 | | 74.4 | | | | | |
| | 1000 | 16 | 11.9 | 19.2 | 26.4 | 35.9 | 50.4 | | 74.4 | | | | | |

MagnaGear XTR[®] gear reducers

Ratings – parallel shaft reducers – thermal power

MagnaGear XTR parallel shaft thermal ratings - 1800 r/min (20°C ambient)

Thermal power ratings in kW

| Nominal ratio | Cooling system | Size | | | | | | | | | | | |
|---------------|----------------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| | | 100 | 150 | 210 | 285 | 390 | 525 | 600 | 700 | 920 | 1400 | 2100 | 3500 |
| 8 - 10 | No cooling | 91 | 115 | 142 | 166 | 178 | 179 | 219 | 221 | 248 | | | |
| | Dual directional shaft fan | 177 | 216 | 276 | 334 | 364 | 379 | 395 | 438 | 471 | | | |
| | Electric fan | 304 | 380 | 471 | 562 | 659 | 750 | 918 | 888 | 998 | | | |
| 11.2 - 14 | No cooling | 90 | 113 | 139 | 163 | 174 | 175 | 214 | 223 | 247 | 314 | 401 | |
| | Dual directional shaft fan | 152 | 192 | 244 | 293 | 313 | 352 | 387 | 442 | 470 | 638 | 877 | |
| | Electric fan | 291 | 375 | 463 | 549 | 613 | 750 | 814 | 888 | 998 | 1181 | 1545 | |
| 16 - 20 | No cooling | 85 | 107 | 132 | 154 | 165 | 166 | 203 | 211 | 234 | 300 | 382 | 542 |
| | Dual directional shaft fan | 144 | 181 | 231 | 277 | 297 | 333 | 366 | 419 | 445 | 638 | 877 | |
| | Electric fan | 251 | 324 | 400 | 474 | 530 | 671 | 703 | 862 | 960 | 1128 | 1439 | 2866 |
| 22 - 28 | No cooling | 77 | 97 | 120 | 140 | 150 | 151 | 184 | 192 | 213 | 272 | 347 | 492 |
| | Dual directional shaft fan | 131 | 165 | 210 | 252 | 269 | 303 | 333 | 380 | 405 | 544 | 729 | |
| | Electric fan | 224 | 290 | 357 | 423 | 473 | 600 | 628 | 770 | 857 | 1007 | 1285 | 2559 |
| 31.5 - 45 | No cooling | 74 | 93 | 115 | 135 | 144 | | 178 | | | 262 | 334 | 473 |
| | Dual directional shaft fan | 112 | 141 | 179 | 215 | 230 | | 284 | | | 533 | 714 | |
| | Electric fan | 193 | 249 | 308 | 365 | 408 | | 540 | | | 962 | 1227 | 2443 |
| 50 - 63 | No cooling | 66 | 84 | 103 | 121 | 129 | | 159 | | | | | |
| | Dual directional shaft fan | 96 | 121 | 154 | 185 | 197 | | 243 | | | | | |
| | Electric fan | 180 | 233 | 287 | 341 | 381 | | 505 | | | | | |

MagnaGear XTR parallel shaft thermal ratings - 1800 r/min (40°C ambient)

Thermal power ratings in kW

| Nominal ratio | Cooling system | Size | | | | | | | | | | | |
|---------------|----------------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| | | 100 | 150 | 210 | 285 | 390 | 525 | 600 | 700 | 920 | 1400 | 2100 | 3500 |
| 8 - 10 | No cooling | 72 | 91 | 112 | 131 | 140 | 141 | 173 | 175 | 196 | | | |
| | Dual directional shaft fan | 140 | 171 | 218 | 264 | 287 | 299 | 312 | 346 | 372 | | | |
| | Electric fan | 240 | 300 | 372 | 444 | 521 | 592 | 725 | 702 | 788 | | | |
| 11.2 - 14 | No cooling | 71 | 89 | 110 | 128 | 137 | 138 | 169 | 176 | 195 | 248 | 317 | |
| | Dual directional shaft fan | 120 | 151 | 192 | 231 | 247 | 278 | 305 | 349 | 371 | 504 | 693 | |
| | Electric fan | 230 | 296 | 366 | 434 | 485 | 592 | 643 | 702 | 788 | 933 | 1221 | |
| 16 - 20 | No cooling | 67 | 84 | 104 | 122 | 130 | 131 | 160 | 167 | 185 | 237 | 302 | 428 |
| | Dual directional shaft fan | 114 | 143 | 182 | 219 | 234 | 263 | 289 | 331 | 352 | 504 | 693 | |
| | Electric fan | 198 | 256 | 316 | 375 | 419 | 530 | 555 | 681 | 758 | 891 | 1137 | 2264 |
| 22 - 28 | No cooling | 61 | 77 | 95 | 111 | 118 | 119 | 146 | 152 | 168 | 215 | 274 | 389 |
| | Dual directional shaft fan | 103 | 130 | 166 | 199 | 213 | 239 | 263 | 300 | 320 | 430 | 576 | |
| | Electric fan | 177 | 229 | 282 | 335 | 374 | 474 | 496 | 608 | 677 | 796 | 1015 | 2022 |
| 31.5 - 45 | No cooling | 59 | 74 | 91 | 106 | 114 | | 141 | | | 207 | 264 | 374 |
| | Dual directional shaft fan | 88 | 111 | 142 | 170 | 182 | | 225 | | | 421 | 564 | |
| | Electric fan | 153 | 197 | 243 | 288 | 322 | | 427 | | | 760 | 969 | 1930 |
| 50 - 63 | No cooling | 52 | 66 | 82 | 95 | 102 | | 126 | | | | | |
| | Dual directional shaft fan | 76 | 95 | 121 | 146 | 156 | | 192 | | | | | |
| | Electric fan | 143 | 184 | 227 | 269 | 301 | | 399 | | | | | |

MagnaGear XTR® gear reducers

Ratings – parallel shaft reducers – thermal power

MagnaGear XTR parallel shaft thermal ratings - 1500 r/min (20°C ambient)

Thermal power ratings in kW

| Nominal ratio | Cooling system | Size | | | | | | | | | | | |
|---------------|----------------------------|------|-----|-----|-----|-----|-----|-----|------|-----|------|------|------|
| | | 100 | 150 | 210 | 285 | 390 | 525 | 600 | 700 | 920 | 1400 | 2100 | 3500 |
| 8 - 10 | No cooling | 88 | 115 | 141 | 166 | 193 | 188 | 238 | 221 | 248 | | | |
| | Dual directional shaft fan | 166 | 203 | 259 | 313 | 341 | 355 | 370 | 411 | 442 | | | |
| | Electric fan | 329 | 424 | 523 | 620 | 693 | 847 | 918 | 1004 | 942 | | | |
| 11.2 - 14 | No cooling | 89 | 115 | 141 | 166 | 182 | 174 | 213 | 222 | 247 | 319 | 418 | |
| | Dual directional shaft fan | 140 | 177 | 225 | 270 | 289 | 325 | 357 | 408 | 434 | 638 | 877 | |
| | Electric fan | 273 | 353 | 435 | 516 | 576 | 704 | 764 | 834 | 937 | 1181 | 1545 | |
| 16 - 20 | No cooling | 83 | 107 | 132 | 155 | 170 | 175 | 209 | 221 | 239 | 307 | 418 | 545 |
| | Dual directional shaft fan | 132 | 166 | 211 | 254 | 272 | 305 | 335 | 383 | 408 | 624 | 836 | |
| | Electric fan | 236 | 304 | 375 | 445 | 497 | 630 | 660 | 809 | 901 | 1057 | 1349 | 2686 |
| 22 - 28 | No cooling | 75 | 97 | 119 | 140 | 153 | 158 | 188 | 209 | 216 | 277 | 397 | 492 |
| | Dual directional shaft fan | 119 | 149 | 190 | 228 | 244 | 274 | 301 | 345 | 367 | 494 | 661 | |
| | Electric fan | 210 | 271 | 334 | 397 | 443 | 561 | 588 | 721 | 802 | 943 | 1203 | 2396 |
| 31.5 - 45 | No cooling | 72 | 90 | 112 | 130 | 139 | | 172 | | | 275 | 393 | 487 |
| | Dual directional shaft fan | 102 | 128 | 163 | 196 | 210 | | 259 | | | 421 | 564 | |
| | Electric fan | 179 | 231 | 284 | 337 | 377 | | 500 | | | 898 | 1146 | 2282 |
| 50 - 63 | No cooling | 64 | 81 | 100 | 116 | 124 | | 154 | | | | | |
| | Dual directional shaft fan | 87 | 110 | 140 | 168 | 180 | | 221 | | | | | |
| | Electric fan | 167 | 216 | 266 | 316 | 353 | | 468 | | | | | |

MagnaGear XTR parallel shaft thermal ratings - 1500 r/min (40°C ambient)

Thermal power ratings in kW

| Nominal ratio | Cooling system | Size | | | | | | | | | | | |
|---------------|----------------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| | | 100 | 150 | 210 | 285 | 390 | 525 | 600 | 700 | 920 | 1400 | 2100 | 3500 |
| 8 - 10 | No cooling | 70 | 91 | 112 | 131 | 152 | 149 | 188 | 175 | 196 | | | |
| | Dual directional shaft fan | 131 | 160 | 205 | 248 | 269 | 280 | 292 | 325 | 349 | | | |
| | Electric fan | 260 | 335 | 413 | 490 | 548 | 669 | 725 | 793 | 744 | | | |
| 11.2 - 14 | No cooling | 70 | 91 | 112 | 131 | 144 | 138 | 169 | 176 | 195 | 252 | 330 | |
| | Dual directional shaft fan | 111 | 140 | 177 | 213 | 228 | 257 | 282 | 322 | 343 | 504 | 693 | |
| | Electric fan | 216 | 279 | 343 | 407 | 455 | 556 | 604 | 659 | 741 | 933 | 1221 | |
| 16 - 20 | No cooling | 65 | 85 | 104 | 122 | 134 | 138 | 165 | 175 | 189 | 243 | 330 | 430 |
| | Dual directional shaft fan | 104 | 131 | 167 | 201 | 215 | 241 | 265 | 303 | 322 | 493 | 660 | |
| | Electric fan | 186 | 240 | 296 | 352 | 393 | 498 | 521 | 639 | 712 | 835 | 1066 | 2122 |
| 22 - 28 | No cooling | 59 | 77 | 94 | 110 | 121 | 125 | 149 | 165 | 171 | 219 | 314 | 389 |
| | Dual directional shaft fan | 94 | 118 | 150 | 180 | 193 | 217 | 238 | 272 | 290 | 390 | 522 | |
| | Electric fan | 166 | 214 | 264 | 313 | 350 | 444 | 464 | 570 | 634 | 745 | 951 | 1893 |
| 31.5 - 45 | No cooling | 57 | 71 | 88 | 103 | 110 | | 136 | | | 217 | 310 | 385 |
| | Dual directional shaft fan | 80 | 101 | 129 | 155 | 166 | | 204 | | | 332 | 445 | |
| | Electric fan | 141 | 182 | 225 | 266 | 298 | | 395 | | | 709 | 905 | 1803 |
| 50 - 63 | No cooling | 51 | 64 | 79 | 92 | 98 | | 122 | | | | | |
| | Dual directional shaft fan | 69 | 87 | 110 | 133 | 142 | | 175 | | | | | |
| | Electric fan | 132 | 170 | 210 | 249 | 279 | | 370 | | | | | |

MagnaGear XTR[®] gear reducers

Ratings – parallel shaft reducers – thermal power

MagnaGear XTR parallel shaft thermal ratings - 1200 r/min (20°C ambient)

Thermal power ratings in kW

| Nominal ratio | Cooling system | Size | | | | | | | | | | | |
|---------------|----------------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| | | 100 | 150 | 210 | 285 | 390 | 525 | 600 | 700 | 920 | 1400 | 2100 | 3500 |
| 8 - 10 | No cooling | 96 | 124 | 153 | 180 | 197 | 188 | 242 | 221 | 248 | | | |
| | Dual directional shaft fan | 149 | 182 | 233 | 282 | 307 | 319 | 333 | 370 | 397 | | | |
| | Electric fan | 311 | 401 | 494 | 586 | 655 | 800 | 867 | 799 | 890 | | | |
| 11.2 - 14 | No cooling | 93 | 121 | 149 | 175 | 192 | 188 | 235 | 221 | 248 | 319 | 418 | |
| | Dual directional shaft fan | 144 | 181 | 230 | 276 | 296 | 332 | 317 | 417 | 444 | 638 | 877 | |
| | Electric fan | 257 | 332 | 410 | 486 | 543 | 664 | 720 | 786 | 883 | 1181 | 1536 | |
| 16 - 20 | No cooling | 82 | 106 | 130 | 153 | 168 | 173 | 206 | 219 | 236 | 319 | 418 | 541 |
| | Dual directional shaft fan | 117 | 147 | 187 | 225 | 240 | 270 | 296 | 339 | 361 | 547 | 733 | |
| | Electric fan | 222 | 286 | 353 | 418 | 467 | 592 | 620 | 760 | 846 | 1003 | 1280 | 2549 |
| 22 - 28 | No cooling | 71 | 94 | 117 | 138 | 154 | 159 | 186 | 210 | 217 | 305 | 411 | 487 |
| | Dual directional shaft fan | 104 | 131 | 167 | 200 | 214 | 241 | 264 | 302 | 322 | 433 | 580 | |
| | Electric fan | 197 | 254 | 313 | 372 | 415 | 526 | 551 | 676 | 752 | 884 | 1128 | 2246 |
| 31.5 - 45 | No cooling | 69 | 86 | 107 | 125 | 133 | | 164 | | | 288 | 388 | 461 |
| | Dual directional shaft fan | 90 | 114 | 144 | 174 | 186 | | 230 | | | 421 | 564 | |
| | Electric fan | 167 | 216 | 266 | 315 | 352 | | 468 | | | 841 | 1073 | 2136 |
| 50 - 63 | No cooling | 60 | 78 | 93 | 112 | 116 | | 143 | | | | | |
| | Dual directional shaft fan | 77 | 100 | 124 | 153 | 159 | | 194 | | | | | |
| | Electric fan | 179 | 200 | 285 | 292 | 377 | | 437 | | | | | |

MagnaGear XTR parallel shaft thermal ratings - 1200 r/min (40°C ambient)

Thermal power ratings in kW

| Nominal ratio | Cooling system | Size | | | | | | | | | | | |
|---------------|----------------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| | | 100 | 150 | 210 | 285 | 390 | 525 | 600 | 700 | 920 | 1400 | 2100 | 3500 |
| 8 - 10 | No cooling | 76 | 98 | 121 | 142 | 156 | 149 | 191 | 175 | 196 | | | |
| | Dual directional shaft fan | 118 | 144 | 184 | 223 | 242 | 252 | 263 | 292 | 314 | | | |
| | Electric fan | 245 | 317 | 390 | 463 | 518 | 632 | 685 | 631 | 703 | | | |
| 11.2 - 14 | No cooling | 74 | 96 | 118 | 138 | 151 | 149 | 186 | 175 | 196 | 252 | 330 | |
| | Dual directional shaft fan | 114 | 143 | 182 | 218 | 233 | 263 | 251 | 330 | 351 | 504 | 693 | |
| | Electric fan | 203 | 262 | 324 | 384 | 429 | 524 | 569 | 621 | 698 | 933 | 1214 | |
| 16 - 20 | No cooling | 64 | 84 | 103 | 121 | 133 | 136 | 163 | 173 | 187 | 252 | 330 | 427 |
| | Dual directional shaft fan | 92 | 116 | 148 | 177 | 190 | 213 | 234 | 268 | 285 | 432 | 579 | |
| | Electric fan | 175 | 226 | 279 | 330 | 369 | 468 | 490 | 601 | 669 | 793 | 1011 | 2014 |
| 22 - 28 | No cooling | 56 | 74 | 92 | 109 | 122 | 126 | 147 | 166 | 172 | 241 | 324 | 385 |
| | Dual directional shaft fan | 82 | 103 | 132 | 158 | 169 | 190 | 209 | 239 | 254 | 342 | 458 | |
| | Electric fan | 156 | 201 | 248 | 294 | 328 | 416 | 435 | 534 | 594 | 698 | 891 | 1774 |
| 31.5 - 45 | No cooling | 54 | 68 | 84 | 99 | 105 | | 130 | | | 228 | 307 | 364 |
| | Dual directional shaft fan | 71 | 90 | 114 | 137 | 147 | | 181 | | | 332 | 445 | |
| | Electric fan | 132 | 170 | 210 | 249 | 278 | | 370 | | | 664 | 847 | 1688 |
| 50 - 63 | No cooling | 47 | 61 | 73 | 89 | 92 | | 113 | | | | | |
| | Dual directional shaft fan | 61 | 79 | 98 | 121 | 126 | | 153 | | | | | |
| | Electric fan | 141 | 158 | 225 | 231 | 298 | | 345 | | | | | |

MagnaGear XTR® gear reducers

Ratings – parallel shaft reducers – thermal power

MagnaGear XTR parallel shaft thermal ratings - 1000 r/min (20°C ambient)

Thermal power ratings in kW

| Nominal ratio | Cooling system | Size | | | | | | | | | | | |
|---------------|----------------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| | | 100 | 150 | 210 | 285 | 390 | 525 | 600 | 700 | 920 | 1400 | 2100 | 3500 |
| 8 - 10 | No cooling | 105 | 136 | 168 | 197 | 208 | 188 | 265 | 221 | 248 | | | |
| | Dual directional shaft fan | 136 | 177 | 218 | 257 | 272 | 246 | 284 | 289 | 325 | | | |
| | Electric fan | 293 | 367 | 467 | 509 | 559 | 683 | 740 | 682 | 760 | | | |
| 11.2 - 14 | No cooling | 90 | 117 | 144 | 169 | 186 | 182 | 228 | 214 | 240 | 319 | 418 | |
| | Dual directional shaft fan | 125 | 157 | 200 | 240 | 257 | 289 | 267 | 363 | 386 | 580 | 777 | |
| | Electric fan | 236 | 305 | 376 | 445 | 498 | 608 | 660 | 721 | 810 | 1181 | 1545 | |
| 16 - 20 | No cooling | 78 | 101 | 125 | 146 | 160 | 165 | 197 | 209 | 226 | 319 | 418 | 587 |
| | Dual directional shaft fan | 104 | 131 | 167 | 201 | 215 | 241 | 249 | 303 | 322 | 484 | 648 | |
| | Electric fan | 203 | 261 | 322 | 382 | 427 | 541 | 567 | 695 | 774 | 1011 | 1290 | 2569 |
| 22 - 28 | No cooling | 67 | 90 | 113 | 133 | 151 | 156 | 176 | 205 | 205 | 319 | 418 | 508 |
| | Dual directional shaft fan | 87 | 110 | 139 | 167 | 179 | 201 | 221 | 253 | 269 | 404 | 541 | |
| | Electric fan | 179 | 232 | 286 | 339 | 379 | 480 | 503 | 616 | 686 | 898 | 1146 | 2283 |
| 31.5 - 45 | No cooling | 66 | 83 | 102 | 120 | 128 | | 157 | | | 319 | 418 | 482 |
| | Dual directional shaft fan | 80 | 101 | 129 | 155 | 165 | | 204 | | | 383 | 512 | |
| | Electric fan | 155 | 201 | 247 | 293 | 328 | | 438 | | | 855 | 1090 | 2171 |
| 50 - 63 | No cooling | 57 | 75 | 89 | 108 | 111 | | 137 | | | | | |
| | Dual directional shaft fan | 69 | 89 | 110 | 136 | 141 | | 172 | | | | | |
| | Electric fan | 166 | 186 | 265 | 272 | 351 | | 408 | | | | | |

MagnaGear XTR parallel shaft thermal ratings - 1000 r/min (40°C ambient)

Thermal power ratings in kW

| Nominal ratio | Cooling system | Size | | | | | | | | | | | |
|---------------|----------------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| | | 100 | 150 | 210 | 285 | 390 | 525 | 600 | 700 | 920 | 1400 | 2100 | 3500 |
| 8 - 10 | No cooling | 83 | 108 | 132 | 155 | 165 | 149 | 209 | 175 | 196 | | | |
| | Dual directional shaft fan | 108 | 140 | 172 | 203 | 215 | 194 | 225 | 229 | 257 | | | |
| | Electric fan | 232 | 290 | 369 | 402 | 442 | 540 | 585 | 539 | 600 | | | |
| 11.2 - 14 | No cooling | 71 | 93 | 114 | 134 | 147 | 144 | 180 | 169 | 190 | 252 | 330 | |
| | Dual directional shaft fan | 99 | 124 | 158 | 190 | 203 | 228 | 211 | 287 | 305 | 458 | 614 | |
| | Electric fan | 186 | 241 | 297 | 352 | 393 | 481 | 521 | 569 | 640 | 933 | 1221 | |
| 16 - 20 | No cooling | 62 | 80 | 98 | 115 | 127 | 130 | 156 | 165 | 178 | 252 | 330 | 464 |
| | Dual directional shaft fan | 82 | 104 | 132 | 159 | 170 | 191 | 197 | 239 | 255 | 382 | 512 | |
| | Electric fan | 160 | 206 | 255 | 302 | 338 | 428 | 448 | 549 | 611 | 799 | 1019 | 2029 |
| 22 - 28 | No cooling | 53 | 71 | 89 | 105 | 119 | 123 | 139 | 162 | 162 | 252 | 330 | 401 |
| | Dual directional shaft fan | 69 | 87 | 110 | 132 | 141 | 159 | 174 | 200 | 213 | 319 | 427 | |
| | Electric fan | 142 | 183 | 226 | 268 | 299 | 379 | 397 | 487 | 542 | 710 | 905 | 1803 |
| 31.5 - 45 | No cooling | 52 | 66 | 81 | 95 | 101 | | 124 | | | 252 | 330 | 380 |
| | Dual directional shaft fan | 63 | 80 | 102 | 122 | 131 | | 161 | | | 302 | 405 | |
| | Electric fan | 123 | 158 | 195 | 232 | 259 | | 346 | | | 675 | 861 | 1715 |
| 50 - 63 | No cooling | 45 | 59 | 70 | 85 | 88 | | 108 | | | | | |
| | Dual directional shaft fan | 54 | 70 | 87 | 107 | 112 | | 136 | | | | | |
| | Electric fan | 131 | 147 | 209 | 215 | 277 | | 323 | | | | | |

MagnaGear XTR[®] gear reducers

Part numbers

MagnaGear XTR G100 right angle shaft reducer part numbers

| Stages | Nomenclature | Ratio | Solid shaft | Solid shaft with backstop | Hollow shaft | Hollow shaft with backstop |
|--------|--------------|-------|-------------|---------------------------|--------------|----------------------------|
| Triple | G100HR3 | 12.5 | 448930 | 448945 | 448900 | 448915 |
| | G100HR3 | 14 | 448931 | 448946 | 448901 | 448916 |
| | G100HR3 | 16 | 448932 | 448947 | 448902 | 448917 |
| | G100HR3 | 18 | 448933 | 448948 | 448903 | 448918 |
| | G100HR3 | 20 | 448934 | 448949 | 448904 | 448919 |
| | G100HR3 | 22.4 | 448935 | 448950 | 448905 | 448920 |
| | G100HR3 | 25 | 448936 | 448951 | 448906 | 448921 |
| | G100HR3 | 28 | 448937 | 448952 | 448907 | 448922 |
| | G100HR3 | 31.5 | 448938 | 448953 | 448908 | 448923 |
| | G100HR3 | 35.5 | 448939 | 448954 | 448909 | 448924 |
| | G100HR3 | 40 | 448940 | 448955 | 448910 | 448925 |
| | G100HR3 | 45 | 448941 | 448956 | 448911 | 448926 |
| | G100HR3 | 50 | 448942 | 448957 | 448912 | 448927 |
| | G100HR3 | 56 | 448943 | 448958 | 448913 | 448928 |
| | G100HR3 | 63 | 448944 | 448959 | 448914 | 448929 |

MagnaGear XTR G100 parallel shaft reducer part numbers

| Stages | Nomenclature | Ratio | Solid shaft | Solid shaft with backstop | Hollow shaft | Hollow shaft with backstop |
|---------|--------------|---------|-------------|---------------------------|--------------|----------------------------|
| Double | G100HP2 | 8 | 449024 | 449037 | 448999 | 449012 |
| | G100HP2 | 9 | 449025 | 449038 | 449000 | 449013 |
| | G100HP2 | 10 | 449026 | 449039 | 449001 | 449014 |
| | G100HP2 | 11.2 | 449027 | 449040 | 449002 | 449015 |
| | G100HP2 | 12.5 | 449028 | 449041 | 449003 | 449016 |
| | G100HP2 | 14 | 449029 | 449042 | 449004 | 449017 |
| | G100HP2 | 16 | 449030 | 449043 | 449006 | 449018 |
| | G100HP2 | 18 | 449032 | 449044 | 449007 | 449019 |
| | G100HP2 | 20 | 449033 | 449045 | 449008 | 449020 |
| | G100HP2 | 22.4 | 449034 | 449046 | 449009 | 449021 |
| | Triple | G100HP3 | 25 | 448979 | 448988 | 448960 |
| G100HP3 | | 28 | 448980 | 448989 | 448961 | 448971 |
| G100HP3 | | 31.5 | 448981 | 448990 | 448962 | 448972 |
| G100HP3 | | 35.5 | 448982 | 448991 | 448963 | 448973 |
| G100HP3 | | 40 | 448983 | 448992 | 448964 | 448974 |
| G100HP3 | | 45 | 448984 | 448993 | 448965 | 448975 |
| G100HP3 | | 50 | 448985 | 448994 | 448966 | 448976 |
| G100HP3 | | 56 | 448986 | 448995 | 448967 | 448977 |
| G100HP3 | 63 | 448987 | 448996 | 448968 | 448978 | |

MagnaGear XTR® gear reducers

Part numbers

MagnaGear XTR G100 accessory part numbers

| Shaft driven fan kits | | | | |
|-----------------------|-----------------------------------|-----------|---------|-------------|
| MagnaGear XTR | Shaft configuration | Reduction | Ratio | Part number |
| G100HP2 | Parallel | Double | 8-22.4 | 454007 |
| G100HP3 | Parallel | Triple | 25-63 | 454006 |
| G100HR3 | Right angle | Triple | 12.5-63 | 454005 |
| G100HR3 | Right angle uni-directional (CW) | Triple | 12.5-63 | 966194 |
| G100HR3 | Right angle uni-directional (CCW) | Triple | 12.5-63 | 966195 |

Mechanical fan kit includes fan, fan shroud, fan guard and mounting hardware.

Electric fan kits

| MagnaGear XTR | Shaft configuration | Reduction | Voltage | Hz | Part number |
|---------------|---------------------|-----------|---------|----|-------------|
| All G100 | All | All | 415 | 50 | 966203 |
| All G100 | All | All | 230/460 | 60 | 454096 |
| All G100 | All | All | 575 | 60 | 454080 |

Electrical fan kit includes fan, electric motor, fan shroud, fan guard and mounting hardware.

Desiccant breather

| MagnaGear XTR | Shaft configuration | Reduction | Ratio | Part number |
|---------------|---------------------|-----------|-------|-------------|
| All G100 | All | All | All | 964366 |

MagnaGear XTR G100 hollow bore twin-tapered bushing information

| Bore diameter | Twin-tapered bushing kit part number | Minimum shaft and keyway length for standard bushing kit | Twin-tapered short shaft bushing kit part number | Minimum shaft and keyway length for short shaft bushing kit | Dimension F See hollow shaft drawings on pages 57, 67 and 69. | Dimension K See hollow shaft drawings on pages 57, 67 and 69. | Clearance required for bushing screw removal |
|------------------------|--------------------------------------|--|--|---|--|--|--|
| Metric (mm) | | | | | | | |
| 90 | 454073 | 435 | 272741 | 330 | 81 | 25 | 46 |
| 85 | 454074 | 435 | 272742 | 330 | 76 | 22 | 46 |
| 80 | 454075 | 435 | 272743 | 330 | 71 | 22 | 46 |
| 75 | 454076 | 435 | 272744 | 330 | 68 | 20 | 46 |
| 70 | 454077 | 435 | 272745 | 330 | 63 | 20 | 46 |
| 65 | 454078 | 435 | 272746 | 330 | 58 | 20 | 46 |
| 60 | 454079 | 435 | 272747 | 330 | 53 | 18 | 46 |
| Imperial (inch) | | | | | | | |
| 3-7/16 | 454062 | 17.13 | 272730 | 13.00 | 2.943 | 0.875 | 1.81 |
| 3-3/16 | 454063 | 17.13 | 272731 | 13.00 | 2.768 | 0.750 | 1.81 |
| 3 | 454064 | 17.13 | 272732 | 13.00 | 2.577 | 0.750 | 1.81 |
| 2-15/16 | 454065 | 17.13 | 272733 | 13.00 | 2.514 | 0.750 | 1.81 |
| 2-7/8 | 454066 | 17.13 | 272734 | 13.00 | 2.450 | 0.750 | 1.81 |
| 2-11/16 | 454067 | 17.13 | 272735 | 13.00 | 2.338 | 0.625 | 1.81 |
| 2-1/2 | 454068 | 17.13 | 272736 | 13.00 | 2.148 | 0.625 | 1.81 |
| 2-7/16 | 454069 | 17.13 | 272737 | 13.00 | 2.443 | 0.625 | 1.81 |
| 2-3/8 | 454070 | 17.13 | 272738 | 13.00 | 2.021 | 0.625 | 1.81 |
| 2-1/4 | 454071 | 17.13 | 272739 | 13.00 | 1.972 | 0.500 | 1.81 |
| 2-3/16 | 454072 | 17.13 | 272740 | 13.00 | 1.909 | 0.500 | 1.81 |

Hollow shaft covers

| MagnaGear XTR | Shaft type | Cover type | Part number |
|---------------|------------|------------------|-------------|
| All G100 | Hollow | Inboard (split) | 964555 |
| All G100 | Hollow | Outboard (solid) | 964553 |

MagnaGear XTR[®] gear reducers

Part numbers

MagnaGear XTR G150 right angle shaft reducer part numbers

| Stages | Nomenclature | Ratio | Solid shaft | Solid shaft with backstop | Hollow shaft | Hollow shaft with backstop |
|--------|--------------|-------|-------------|---------------------------|--------------|----------------------------|
| Triple | G150HR3 | 12.5 | 449077 | 449092 | 449047 | 449062 |
| | G150HR3 | 14 | 449078 | 449093 | 449048 | 449063 |
| | G150HR3 | 16 | 449079 | 449094 | 449049 | 449064 |
| | G150HR3 | 18 | 449080 | 449095 | 449050 | 449065 |
| | G150HR3 | 20 | 449081 | 449096 | 449051 | 449066 |
| | G150HR3 | 22.4 | 449082 | 449097 | 449052 | 449067 |
| | G150HR3 | 25 | 449083 | 449098 | 449053 | 449068 |
| | G150HR3 | 28 | 449084 | 449099 | 449054 | 449069 |
| | G150HR3 | 31.5 | 449085 | 449100 | 449055 | 449070 |
| | G150HR3 | 35.5 | 449086 | 449101 | 449056 | 449071 |
| | G150HR3 | 40 | 449087 | 449102 | 449057 | 449072 |
| | G150HR3 | 45 | 449088 | 449103 | 449058 | 449073 |
| | G150HR3 | 50 | 449089 | 449104 | 449059 | 449074 |
| | G150HR3 | 56 | 449090 | 449105 | 449060 | 449075 |
| | G150HR3 | 63 | 449091 | 449106 | 449061 | 449076 |

MagnaGear XTR G150 parallel shaft reducer part numbers

| Stages | Nomenclature | Ratio | Solid shaft | Solid shaft with backstop | Hollow shaft | Hollow shaft with backstop |
|---------|--------------|--------|-------------|---------------------------|--------------|----------------------------|
| Double | G150HP2 | 8 | 449170 | 449182 | 449146 | 449158 |
| | G150HP2 | 9 | 449171 | 449183 | 449147 | 449159 |
| | G150HP2 | 10 | 449172 | 449184 | 449148 | 449160 |
| | G150HP2 | 11.2 | 449173 | 449185 | 449149 | 449161 |
| | G150HP2 | 12.5 | 449174 | 449186 | 449150 | 449162 |
| | G150HP2 | 14 | 449175 | 449187 | 449151 | 449163 |
| | G150HP2 | 16 | 449176 | 449188 | 449152 | 449164 |
| | G150HP2 | 18 | 449177 | 449189 | 449153 | 449165 |
| | G150HP2 | 20 | 449178 | 449190 | 449154 | 449166 |
| | G150HP2 | 22.4 | 449179 | 449191 | 449155 | 449167 |
| Triple | G150HP3 | 25 | 449126 | 449135 | 449107 | 449117 |
| | G150HP3 | 28 | 449127 | 449136 | 449108 | 449118 |
| | G150HP3 | 31.5 | 449128 | 449137 | 449110 | 449119 |
| | G150HP3 | 35.5 | 449129 | 449138 | 449111 | 449120 |
| | G150HP3 | 40 | 449130 | 449139 | 449112 | 449121 |
| | G150HP3 | 45 | 449131 | 449140 | 449113 | 449122 |
| | G150HP3 | 50 | 449132 | 449141 | 449114 | 449123 |
| | G150HP3 | 56 | 449133 | 449142 | 449115 | 449124 |
| G150HP3 | 63 | 449134 | 449143 | 449116 | 449125 | |

MagnaGear XTR® gear reducers

Part numbers

MagnaGear XTR G150 accessory part numbers

| Shaft driven fan kits | | | | |
|-----------------------|-----------------------------------|-----------|---------|-------------|
| MagnaGear XTR | Shaft configuration | Reduction | Ratio | Part number |
| G150HP2 | Parallel | Double | 8-22.4 | 454010 |
| G150HP3 | Parallel | Triple | 25-63 | 454009 |
| G150HR3 | Right angle | Triple | 12.5-63 | 454008 |
| G150HR3 | Right angle uni-directional (CW) | Triple | 12.5-63 | 966196 |
| G150HR3 | Right angle uni-directional (CCW) | Triple | 12.5-63 | 966197 |

Mechanical fan kit includes fan, fan shroud, fan guard and mounting hardware.

Electric fan kits

| MagnaGear XTR | Shaft configuration | Reduction | Voltage | Hz | Part number |
|---------------|---------------------|-----------|---------|----|-------------|
| All G150 | All | All | 415 | 50 | 966205 |
| All G150 | All | All | 230/460 | 60 | 454047 |
| All G150 | All | All | 575 | 60 | 454049 |

Electrical fan kit includes fan, electric motor, fan shroud, fan guard and mounting hardware.

Desiccant breather

| MagnaGear XTR | Shaft configuration | Reduction | Ratio | Part number |
|---------------|---------------------|-----------|-------|-------------|
| All G150 | All | All | All | 964366 |

MagnaGear XTR G150 hollow bore twin-tapered bushing information

| Bore diameter | Twin-tapered bushing kit part number | Minimum shaft and keyway length for standard bushing kit | Twin-tapered short shaft bushing kit part number | Minimum shaft and keyway length for short shaft bushing kit | Dimension F See hollow shaft drawings on pages 57, 67 and 69. | Dimension K See hollow shaft drawings on pages 57, 67 and 69. | Clearance required for bushing screw removal |
|------------------------|--------------------------------------|--|--|---|--|--|--|
| Metric (mm) | | | | | | | |
| 120 | 454088 | 483 | 272757 | 363 | 109 | 32 | 52 |
| 110 | 454089 | 483 | 272758 | 363 | 100 | 28 | 52 |
| 100 | 454090 | 483 | 272759 | 363 | 90 | 28 | 52 |
| 95 | 454091 | 483 | 272760 | 363 | 86 | 25 | 52 |
| 90 | 454092 | 483 | 272761 | 363 | 81 | 25 | 52 |
| 85 | 454093 | 483 | 272762 | 363 | 76 | 22 | 52 |
| 80 | 454094 | 483 | 272763 | 363 | 71 | 22 | 52 |
| 75 | 454095 | 483 | 272764 | 363 | 68 | 20 | 52 |
| Imperial (inch) | | | | | | | |
| 4-7/16 | 454081 | 19.00 | 272750 | 14.28 | 3.880 | 1.000 | 2.06 |
| 4-3/16 | 454082 | 19.00 | 272751 | 14.28 | 3.627 | 1.000 | 2.06 |
| 3-15/16 | 454083 | 19.00 | 272752 | 14.28 | 3.373 | 1.000 | 2.06 |
| 3-7/16 | 454084 | 19.00 | 272753 | 14.28 | 2.943 | 0.875 | 2.06 |
| 3-3/16 | 454085 | 19.00 | 272754 | 14.28 | 2.768 | 0.750 | 2.06 |
| 3 | 454086 | 19.00 | 272755 | 14.28 | 2.577 | 0.750 | 2.06 |
| 2-15/16 | 454087 | 19.00 | 272756 | 14.28 | 2.514 | 0.750 | 2.06 |

Hollow shaft covers

| MagnaGear XTR | Shaft type | Cover type | Part number |
|---------------|------------|------------------|-------------|
| All G150 | Hollow | Inboard (split) | 964544 |
| All G150 | Hollow | Outboard (solid) | 964542 |

MagnaGear XTR[®] gear reducers

Part numbers

MagnaGear XTR G210 right angle shaft reducer part numbers

| Stages | Nomenclature | Ratio | Solid shaft | Solid shaft with backstop | Hollow shaft | Hollow shaft with backstop |
|--------|--------------|-------|-------------|---------------------------|--------------|----------------------------|
| Triple | G210HR3 | 12.5 | 449222 | 449237 | 449192 | 449207 |
| | G210HR3 | 14 | 449223 | 449238 | 449193 | 449208 |
| | G210HR3 | 16 | 449224 | 449240 | 449194 | 449209 |
| | G210HR3 | 18 | 449225 | 449241 | 449195 | 449210 |
| | G210HR3 | 20 | 449226 | 449242 | 449196 | 449211 |
| | G210HR3 | 22.4 | 449227 | 449243 | 449197 | 449212 |
| | G210HR3 | 25 | 449228 | 449244 | 449198 | 449213 |
| | G210HR3 | 28 | 449229 | 449245 | 449199 | 449214 |
| | G210HR3 | 31.5 | 449230 | 449246 | 449200 | 449215 |
| | G210HR3 | 35.5 | 449231 | 449247 | 449201 | 449216 |
| | G210HR3 | 40 | 449232 | 449248 | 449202 | 449217 |
| | G210HR3 | 45 | 449233 | 449249 | 449203 | 449218 |
| | G210HR3 | 50 | 449234 | 449250 | 449204 | 449219 |
| | G210HR3 | 56 | 449235 | 449251 | 449205 | 449220 |
| | G210HR3 | 63 | 449236 | 449252 | 449206 | 449221 |

MagnaGear XTR G210 parallel shaft reducer part numbers

| Stages | Nomenclature | Ratio | Solid shaft | Solid shaft with backstop | Hollow shaft | Hollow shaft with backstop |
|---------|--------------|--------|-------------|---------------------------|--------------|----------------------------|
| Double | G210HP2 | 8 | 449317 | 449329 | 449292 | 449305 |
| | G210HP2 | 9 | 449318 | 449330 | 449293 | 449306 |
| | G210HP2 | 10 | 449319 | 449331 | 449294 | 449307 |
| | G210HP2 | 11.2 | 449320 | 449332 | 449295 | 449308 |
| | G210HP2 | 12.5 | 449321 | 449333 | 449296 | 449309 |
| | G210HP2 | 14 | 449322 | 449334 | 449297 | 449310 |
| | G210HP2 | 16 | 449323 | 449335 | 449298 | 449311 |
| | G210HP2 | 18 | 449324 | 449336 | 449299 | 449312 |
| | G210HP2 | 20 | 449325 | 449337 | 449300 | 449313 |
| | G210HP2 | 22.4 | 449326 | 449338 | 449301 | 449314 |
| Triple | G210HP3 | 25 | 449272 | 449281 | 449253 | 449262 |
| | G210HP3 | 28 | 449273 | 449282 | 449254 | 449263 |
| | G210HP3 | 31.5 | 449274 | 449283 | 449255 | 449264 |
| | G210HP3 | 35.5 | 449275 | 449284 | 449256 | 449265 |
| | G210HP3 | 40 | 449276 | 449285 | 449257 | 449267 |
| | G210HP3 | 45 | 449277 | 449286 | 449258 | 449268 |
| | G210HP3 | 50 | 449278 | 449287 | 449259 | 449269 |
| | G210HP3 | 56 | 449279 | 449288 | 449260 | 449270 |
| G210HP3 | 63 | 449280 | 449289 | 449261 | 449271 | |

MagnaGear XTR[®] gear reducers

Part numbers

MagnaGear XTR G210 accessory part numbers

| Shaft driven fan kits | | | | |
|-----------------------|-----------------------------------|-----------|---------|-------------|
| MagnaGear XTR | Shaft configuration | Reduction | Ratio | Part number |
| G210HP2 | Parallel | Double | 8-22.4 | 454013 |
| G210HP3 | Parallel | Triple | 25-63 | 454012 |
| G210HR3 | Right angle | Triple | 12.5-63 | 454011 |
| G210HR3 | Right angle uni-directional (CW) | Triple | 12.5-63 | 966198 |
| G210HR3 | Right angle uni-directional (CCW) | Triple | 12.5-63 | 966199 |

Mechanical fan kit includes fan, fan shroud, fan guard and mounting hardware.

Electric fan kits

| MagnaGear XTR | Shaft configuration | Reduction | Voltage | Hz | Part number |
|---------------|---------------------|-----------|---------|----|-------------|
| All G210 | All | All | 415 | 50 | 966207 |
| All G210 | All | All | 230/460 | 60 | 454044 |
| All G210 | All | All | 575 | 60 | 454046 |

Electrical fan kit includes fan, electric motor, fan shroud, fan guard and mounting hardware.

Desiccant breather

| MagnaGear XTR | Shaft configuration | Reduction | Ratio | Part number |
|---------------|---------------------|-----------|-------|-------------|
| All G210 | All | All | All | 964366 |

MagnaGear XTR G210 hollow bore twin-tapered bushing information

| Bore diameter | Twin-tapered bushing kit part number | Minimum shaft and keyway length for standard bushing kit | Twin-tapered short shaft bushing kit part number | Minimum shaft and keyway length for short shaft bushing kit | Dimension F See hollow shaft drawings on pages 57, 67 and 69. | Dimension K See hollow shaft drawings on pages 57, 67 and 69. | Clearance required for bushing screw removal |
|------------------------|--------------------------------------|--|--|---|--|--|--|
| Metric (mm) | | | | | | | |
| 130 | 454104 | 524 | 272772 | 392 | 118 | 40 | 61 |
| 125 | 454105 | 524 | 272773 | 392 | 114 | 32 | 61 |
| 120 | 454106 | 524 | 272774 | 392 | 109 | 32 | 61 |
| 110 | 454107 | 524 | 272775 | 392 | 100 | 28 | 61 |
| 100 | 454108 | 524 | 272776 | 392 | 90 | 28 | 61 |
| 95 | 454109 | 524 | 272777 | 392 | 86 | 25 | 61 |
| 90 | 454110 | 524 | 272778 | 392 | 81 | 25 | 61 |
| Imperial (inch) | | | | | | | |
| 4-15/16 | 454099 | 20.63 | 272767 | 15.44 | 4.232 | 1.250 | 2.39 |
| 4-7/16 | 454100 | 20.63 | 272768 | 15.44 | 3.880 | 1.000 | 2.39 |
| 4-3/16 | 454101 | 20.63 | 272769 | 15.44 | 3.627 | 1.000 | 2.39 |
| 3-15/16 | 454102 | 20.63 | 272770 | 15.44 | 3.373 | 1.000 | 2.39 |
| 3-7/16 | 454103 | 20.63 | 272771 | 15.44 | 2.943 | 0.875 | 2.39 |

Hollow shaft covers

| MagnaGear XTR | Shaft type | Cover type | Part number |
|---------------|------------|------------------|-------------|
| All G210 | Hollow | Inboard (split) | 964339 |
| All G210 | Hollow | Outboard (solid) | 964337 |

MagnaGear XTR[®] gear reducers

Part numbers

MagnaGear XTR G285 right angle shaft reducer part numbers

| Stages | Nomenclature | Ratio | Solid shaft | Solid shaft with backstop | Hollow shaft | Hollow shaft with backstop |
|--------|--------------|-------|-------------|---------------------------|--------------|----------------------------|
| Triple | G285HR3 | 12.5 | 449339 | 449384 | 449369 | 449354 |
| | G285HR3 | 14 | 449340 | 449385 | 449370 | 449355 |
| | G285HR3 | 16 | 449341 | 449386 | 449371 | 449356 |
| | G285HR3 | 18 | 449342 | 449387 | 449372 | 449357 |
| | G285HR3 | 20 | 449343 | 449388 | 449373 | 449358 |
| | G285HR3 | 22.4 | 449344 | 449389 | 449374 | 449359 |
| | G285HR3 | 25 | 449345 | 449390 | 449375 | 449360 |
| | G285HR3 | 28 | 449346 | 449391 | 449376 | 449361 |
| | G285HR3 | 31.5 | 449347 | 449392 | 449377 | 449362 |
| | G285HR3 | 35.5 | 449348 | 449393 | 449378 | 449363 |
| | G285HR3 | 40 | 449349 | 449394 | 449379 | 449364 |
| | G285HR3 | 45 | 449350 | 449395 | 449380 | 449365 |
| | G285HR3 | 50 | 449351 | 449396 | 449381 | 449366 |
| | G285HR3 | 56 | 449352 | 449397 | 449382 | 449367 |
| | G285HR3 | 63 | 449353 | 449398 | 449383 | 449368 |

MagnaGear XTR G285 parallel shaft reducer part numbers

| Stages | Nomenclature | Ratio | Solid shaft | Solid shaft with backstop | Hollow shaft | Hollow shaft with backstop |
|---------|--------------|--------|-------------|---------------------------|--------------|----------------------------|
| Double | G285HP2 | 8 | 449461 | 449473 | 449437 | 449449 |
| | G285HP2 | 9 | 449462 | 449474 | 449438 | 449450 |
| | G285HP2 | 10 | 449463 | 449475 | 449439 | 449451 |
| | G285HP2 | 11.2 | 449464 | 449476 | 449440 | 449452 |
| | G285HP2 | 12.5 | 449465 | 449477 | 449441 | 449453 |
| | G285HP2 | 14 | 449466 | 449478 | 449442 | 449454 |
| | G285HP2 | 16 | 449467 | 449479 | 449443 | 449455 |
| | G285HP2 | 18 | 449468 | 449480 | 449444 | 449456 |
| | G285HP2 | 20 | 449469 | 449481 | 449445 | 449457 |
| | G285HP2 | 22.4 | 449470 | 449482 | 449446 | 449458 |
| Triple | G285HP3 | 25 | 449417 | 449426 | 449399 | 449408 |
| | G285HP3 | 28 | 449418 | 449427 | 449400 | 449409 |
| | G285HP3 | 31.5 | 449419 | 449428 | 449401 | 449410 |
| | G285HP3 | 35.5 | 449420 | 449429 | 449402 | 449411 |
| | G285HP3 | 40 | 449421 | 449430 | 449403 | 449412 |
| | G285HP3 | 45 | 449422 | 449431 | 449404 | 449413 |
| | G285HP3 | 50 | 449423 | 449432 | 449405 | 449414 |
| | G285HP3 | 56 | 449424 | 449433 | 449406 | 449415 |
| G285HP3 | 63 | 449425 | 449434 | 449407 | 449416 | |

MagnaGear XTR[®] gear reducers

Part numbers

MagnaGear XTR G285 accessory part numbers

| Shaft driven fan kits | | | | |
|-----------------------|-----------------------------------|-----------|---------|-------------|
| MagnaGear XTR | Shaft configuration | Reduction | Ratio | Part number |
| G285HP2 | Parallel | Double | 8-22.4 | 454015 |
| G285HP3 | Parallel | Triple | 25-63 | 454014 |
| G285HR3 | Right angle | Triple | 12.5-63 | 451526 |
| G285HR3 | Right angle uni-directional (CW) | Triple | 12.5-63 | 454748 |
| G285HR3 | Right angle uni-directional (CCW) | Triple | 12.5-63 | 966200 |

Mechanical fan kit includes fan, fan shroud, fan guard and mounting hardware.

Electric fan kits

| MagnaGear XTR | Shaft configuration | Reduction | Voltage | Hz | Part number |
|---------------|---------------------|-----------|---------|----|-------------|
| All G285 | All | All | 415 | 50 | 966209 |
| All G285 | All | All | 230/460 | 60 | 454023 |
| All G285 | All | All | 575 | 60 | 454025 |

Electrical fan kit includes fan, electric motor, fan shroud, fan guard and mounting hardware.

Desiccant breather

| MagnaGear XTR | Shaft configuration | Reduction | Ratio | Part number |
|---------------|---------------------|-----------|-------|-------------|
| All G285 | All | All | All | 964366 |

MagnaGear XTR G285 hollow bore twin-tapered bushing information

| Bore diameter | Twin-tapered bushing kit part number | Minimum shaft and keyway length for standard bushing kit | Twin-tapered short shaft bushing kit part number | Minimum shaft and keyway length for short shaft bushing kit | Dimension F See hollow shaft drawings on pages 57, 67 and 69. | Dimension K See hollow shaft drawings on pages 57, 67 and 69. | Clearance required for bushing screw removal |
|------------------------|--------------------------------------|--|--|---|--|--|--|
| Metric (mm) | | | | | | | |
| 150 | 454121 | 556 | 272787 | 409 | 138 | 36 | 61 |
| 130 | 454122 | 556 | 272788 | 409 | 119 | 32 | 61 |
| 125 | 454123 | 556 | 272789 | 409 | 114 | 32 | 61 |
| 120 | 454124 | 556 | 272790 | 409 | 109 | 32 | 61 |
| 110 | 454125 | 556 | 272791 | 409 | 100 | 28 | 61 |
| 100 | 454126 | 556 | 272792 | 409 | 90 | 28 | 61 |
| Imperial (inch) | | | | | | | |
| 6 | 454114 | 21.88 | 272780 | 16.09 | 5.155 | 1-1/2 | 2.39 |
| 5-15/16 | 454115 | 21.88 | 272781 | 16.09 | 5.091 | 1-1/2 | 2.39 |
| 5-7/16 | 454116 | 21.88 | 272782 | 16.09 | 4.740 | 1-1/4 | 2.39 |
| 4-15/16 | 454117 | 21.88 | 272783 | 16.09 | 4.232 | 1-1/4 | 2.39 |
| 4-7/16 | 454118 | 21.88 | 272784 | 16.09 | 3.880 | 1 | 2.39 |
| 4-3/16 | 454119 | 21.88 | 272785 | 16.09 | 3.627 | 1 | 2.39 |
| 3-15/16 | 454120 | 21.88 | 272786 | 16.09 | 3.373 | 1 | 2.39 |

Hollow shaft covers

| MagnaGear XTR | Shaft type | Cover type | Part number |
|---------------|------------|------------------|-------------|
| All G285 | Hollow | Inboard (split) | 964335 |
| All G285 | Hollow | Outboard (solid) | 964333 |

MagnaGear XTR[®] gear reducers

Part numbers

MagnaGear XTR G390 right angle shaft reducer part numbers

| Stages | Nomenclature | Ratio | Solid shaft | Solid shaft with backstop | Hollow shaft | Hollow shaft with backstop |
|--------|--------------|-------|-------------|---------------------------|--------------|----------------------------|
| Triple | G390HR3 | 12.5 | 449515 | 449530 | 449483 | 449498 |
| | G390HR3 | 14 | 449516 | 449531 | 449484 | 449499 |
| | G390HR3 | 16 | 449517 | 449532 | 449485 | 449500 |
| | G390HR3 | 18 | 449518 | 449533 | 449486 | 449501 |
| | G390HR3 | 20 | 449519 | 449534 | 449487 | 449502 |
| | G390HR3 | 22.4 | 449520 | 449535 | 449488 | 449504 |
| | G390HR3 | 25 | 449521 | 449536 | 449489 | 449506 |
| | G390HR3 | 28 | 449522 | 449537 | 449490 | 449507 |
| | G390HR3 | 31.5 | 449523 | 449538 | 449491 | 449508 |
| | G390HR3 | 35.5 | 449524 | 449539 | 449492 | 449509 |
| | G390HR3 | 40 | 449525 | 449540 | 449493 | 449510 |
| | G390HR3 | 45 | 449526 | 449541 | 449494 | 449511 |
| | G390HR3 | 50 | 449527 | 449542 | 449495 | 449512 |
| | G390HR3 | 56 | 449528 | 449543 | 449496 | 449513 |
| | G390HR3 | 63 | 449529 | 449544 | 449497 | 449514 |

MagnaGear XTR G390 parallel shaft reducer part numbers

| Stages | Nomenclature | Ratio | Solid shaft | Solid shaft with backstop | Hollow shaft | Hollow shaft with backstop |
|---------|--------------|--------|-------------|---------------------------|--------------|----------------------------|
| Double | G390HP2 | 8 | 449607 | 449619 | 449583 | 449595 |
| | G390HP2 | 9 | 449608 | 449620 | 449584 | 449596 |
| | G390HP2 | 10 | 449609 | 449621 | 449585 | 449597 |
| | G390HP2 | 11.2 | 449610 | 449622 | 449586 | 449598 |
| | G390HP2 | 12.5 | 449611 | 449623 | 449587 | 449599 |
| | G390HP2 | 14 | 449612 | 449624 | 449588 | 449600 |
| | G390HP2 | 16 | 449613 | 449625 | 449589 | 449601 |
| | G390HP2 | 18 | 449614 | 449626 | 449590 | 449602 |
| | G390HP2 | 20 | 449615 | 449627 | 449591 | 449603 |
| | G390HP2 | 22.4 | 449616 | 449628 | 449592 | 449604 |
| Triple | G390HP3 | 25 | 449563 | 449572 | 449545 | 449554 |
| | G390HP3 | 28 | 449564 | 449573 | 449546 | 449555 |
| | G390HP3 | 31.5 | 449565 | 449574 | 449547 | 449556 |
| | G390HP3 | 35.5 | 449566 | 449575 | 449548 | 449557 |
| | G390HP3 | 40 | 449567 | 449576 | 449549 | 449558 |
| | G390HP3 | 45 | 449568 | 449577 | 449550 | 449559 |
| | G390HP3 | 50 | 449569 | 449578 | 449551 | 449560 |
| | G390HP3 | 56 | 449570 | 449579 | 449552 | 449561 |
| G390HP3 | 63 | 449571 | 449580 | 449553 | 449562 | |

MagnaGear XTR[®] gear reducers

Part numbers

MagnaGear XTR G390 accessory part numbers

| Shaft driven fan kits | | | | |
|-----------------------|-----------------------------------|-----------|---------|-------------|
| MagnaGear XTR | Shaft configuration | Reduction | Ratio | Part number |
| G390HP2 | Parallel | Double | 8-22.4 | 454015 |
| G390HP3 | Parallel | Triple | 25-63 | 454014 |
| G390HR3 | Right angle | Triple | 12.5-63 | 451526 |
| G390HR3 | Right angle uni-directional (CW) | Triple | 12.5-63 | 965285 |
| G390HR3 | Right angle uni-directional (CCW) | Triple | 12.5-63 | 964019 |

Mechanical fan kit includes fan, fan shroud, fan guard and mounting hardware.

Electric fan kits

| MagnaGear XTR | Shaft configuration | Reduction | Voltage | Hz | Part number |
|---------------|---------------------|-----------|---------|----|-------------|
| All G390 | All | All | 415 | 50 | 966211 |
| All G390 | All | All | 230/460 | 60 | 454026 |
| All G390 | All | All | 575 | 60 | 454028 |

Electrical fan kit includes fan, electric motor, fan shroud, fan guard and mounting hardware.

Desiccant breather

| MagnaGear XTR | Shaft configuration | Reduction | Ratio | Part number |
|---------------|---------------------|-----------|-------|-------------|
| All G390 | All | All | All | 964366 |

MagnaGear XTR G390 hollow bore twin-tapered bushing information

| Bore diameter | Twin-tapered bushing kit part number | Minimum shaft and keyway length for standard bushing kit | Twin-tapered short shaft bushing kit part number | Minimum shaft and keyway length for short shaft bushing kit | Dimension F See hollow shaft drawings on pages 57, 67 and 69. | Dimension D See hollow shaft drawings on pages 57, 67 and 69 | Clearance required for bushing screw removal |
|------------------------|--------------------------------------|--|--|---|--|---|--|
| Metric (mm) | | | | | | | |
| 160 | 454137 | 597 | 272802 | 426 | 147 | 40 | 61 |
| 150 | 454138 | 597 | 272803 | 426 | 138 | 36 | 61 |
| 130 | 454139 | 597 | 272804 | 426 | 119 | 32 | 61 |
| 125 | 454140 | 597 | 272805 | 426 | 114 | 32 | 61 |
| Imperial (inch) | | | | | | | |
| 7 | 454130 | 23.50 | 272795 | 16.78 | 6.014 | 1-3/4 | 2.39 |
| 6-1/2 | 454131 | 23.50 | 272796 | 16.78 | 5.662 | 1-1/2 | 2.39 |
| 6-7/16 | 454132 | 23.50 | 272797 | 16.78 | 5.599 | 1-1/2 | 2.39 |
| 6 | 454133 | 23.50 | 272798 | 16.78 | 5.155 | 1-1/2 | 2.39 |
| 5-15/16 | 454134 | 23.50 | 272799 | 16.78 | 5.091 | 1-1/2 | 2.39 |
| 5-7/16 | 454135 | 23.50 | 272800 | 16.78 | 4.740 | 1-1/4 | 2.39 |
| 4-15/16 | 454136 | 23.50 | 272801 | 16.78 | 4.232 | 1-1/4 | 2.39 |

Hollow shaft covers

| MagnaGear XTR | Shaft type | Cover type | Part number |
|---------------|------------|------------------|-------------|
| All G390 | Hollow | Inboard (split) | 963989 |
| All G390 | Hollow | Outboard (solid) | 963988 |

MagnaGear XTR[®] gear reducers

Part numbers

MagnaGear XTR G525 right angle shaft reducer part numbers

| Stages | Nomenclature | Ratio | Solid shaft | Solid shaft with backstop | Hollow shaft | Hollow shaft with backstop |
|--------|--------------|-------|-------------|---------------------------|--------------|----------------------------|
| Triple | G525HR3 | 12.5 | 449659 | 449674 | 449629 | 449644 |
| | G525HR3 | 14 | 449660 | 449675 | 449630 | 449645 |
| | G525HR3 | 16 | 449661 | 449676 | 449631 | 449646 |
| | G525HR3 | 18 | 449662 | 449677 | 449632 | 449647 |
| | G525HR3 | 20 | 449663 | 449678 | 449633 | 449648 |
| | G525HR3 | 22.4 | 449664 | 449679 | 449634 | 449649 |
| | G525HR3 | 25 | 449665 | 449680 | 449635 | 449650 |
| | G525HR3 | 28 | 449666 | 449681 | 449636 | 449651 |
| | G525HR3 | 31.5 | 449667 | 449682 | 449637 | 449652 |
| | G525HR3 | 35.5 | 449668 | 449683 | 449638 | 449653 |
| | G525HR3 | 40 | 449669 | 449684 | 449639 | 449654 |
| | G525HR3 | 45 | 449670 | 449685 | 449640 | 449655 |
| | G525HR3 | 50 | 449671 | 449686 | 449641 | 449656 |
| | G525HR3 | 56 | 449672 | 449687 | 449642 | 449657 |
| | G525HR3 | 63 | 449673 | 449688 | 449643 | 449658 |

MagnaGear XTR G525 parallel shaft reducer part numbers

| Stages | Nomenclature | Ratio | Solid shaft | Solid shaft with backstop | Hollow shaft | Hollow shaft with backstop |
|--------|--------------|-------|-------------|---------------------------|--------------|----------------------------|
| Double | G525HP2 | 8 | 449713 | 449725 | 449689 | 449701 |
| | G525HP2 | 9 | 449714 | 449726 | 449690 | 449702 |
| | G525HP2 | 10 | 449715 | 449727 | 449691 | 449703 |
| | G525HP2 | 11.2 | 449716 | 449728 | 449692 | 449704 |
| | G525HP2 | 12.5 | 449717 | 449729 | 449693 | 449705 |
| | G525HP2 | 14 | 449718 | 449730 | 449694 | 449706 |
| | G525HP2 | 16 | 449719 | 449731 | 449695 | 449707 |
| | G525HP2 | 18 | 449720 | 449732 | 449696 | 449708 |
| | G525HP2 | 20 | 449721 | 449733 | 449697 | 449709 |
| | G525HP2 | 22.4 | 449722 | 449734 | 449698 | 449710 |
| | G525HP2 | 25 | 449723 | 449735 | 449699 | 449711 |
| | G525HP2 | 28 | 449724 | 449736 | 449700 | 449712 |

MagnaGear XTR[®] gear reducers

Part numbers

MagnaGear XTR G525 accessory part numbers

| Shaft driven fan kits | | | | |
|-----------------------|-----------------------------------|-----------|---------|-------------|
| MagnaGear XTR | Shaft configuration | Reduction | Ratio | Part number |
| G525HP2 | Parallel | Double | 8-28 | 453954 |
| G525HR3 | Right angle | Triple | 12.5-63 | 453959 |
| G525HR3 | Right angle uni-directional (CW) | Triple | 12.5-63 | 965618 |
| G525HR3 | Right angle uni-directional (CCW) | Triple | 12.5-63 | 966097 |

Mechanical fan kit includes fan, fan shroud, fan guard and mounting hardware.

Electric fan kits

| MagnaGear XTR | Shaft configuration | Reduction | Voltage | Hz | Part number |
|---------------|---------------------|-----------|---------|----|-------------|
| All G525 | All | All | 415 | 50 | 966213 |
| All G525 | All | All | 230/460 | 60 | 454029 |
| All G525 | All | All | 575 | 60 | 453389 |

Electrical fan kit includes fan, electric motor, fan shroud, fan guard and mounting hardware.

Desiccant breather

| MagnaGear XTR | Shaft configuration | Reduction | Ratio | Part number |
|---------------|---------------------|-----------|-------|-------------|
| All G525 | All | All | All | 964368 |

MagnaGear XTR[®] gear reducers

Part numbers

MagnaGear XTR G600 right angle shaft reducer part numbers

| Stages | Nomenclature | Ratio | Solid shaft | Solid shaft with backstop | Hollow shaft | Hollow shaft with backstop |
|--------|--------------|-------|-------------|---------------------------|--------------|----------------------------|
| Triple | G600HR3 | 12.5 | 448550 | 448565 | 448580 | 448595 |
| | G600HR3 | 14 | 448551 | 448566 | 448581 | 448596 |
| | G600HR3 | 16 | 448552 | 448567 | 448582 | 448597 |
| | G600HR3 | 18 | 448553 | 448568 | 448583 | 448598 |
| | G600HR3 | 20 | 448554 | 448569 | 448584 | 448599 |
| | G600HR3 | 22.4 | 448555 | 448570 | 448585 | 448600 |
| | G600HR3 | 25 | 448556 | 448571 | 448586 | 448601 |
| | G600HR3 | 28 | 448557 | 448572 | 448587 | 448602 |
| | G600HR3 | 31.5 | 448558 | 448573 | 448588 | 448603 |
| | G600HR3 | 35.5 | 448559 | 448574 | 448589 | 448604 |
| | G600HR3 | 40 | 448560 | 448575 | 448590 | 448605 |
| | G600HR3 | 45 | 448561 | 448576 | 448591 | 448606 |
| | G600HR3 | 50 | 448562 | 448577 | 448592 | 448607 |
| | G600HR3 | 56 | 448563 | 448578 | 448593 | 448608 |
| | G600HR3 | 63 | 448564 | 448579 | 448594 | 448609 |

MagnaGear XTR G600 parallel shaft reducer part numbers

| Stages | Nomenclature | Ratio | Solid shaft | Solid shaft with backstop | Hollow shaft | Hollow shaft with backstop |
|--------|--------------|-------|-------------|---------------------------|--------------|----------------------------|
| Double | G600HP2 | 8 | 448610 | 448629 | 448648 | 448667 |
| | G600HP2 | 9 | 448611 | 448630 | 448649 | 448668 |
| | G600HP2 | 10 | 448612 | 448631 | 448650 | 448669 |
| | G600HP2 | 11.2 | 448613 | 448632 | 448651 | 448670 |
| | G600HP2 | 12.5 | 448614 | 448633 | 448652 | 448671 |
| | G600HP2 | 14 | 448615 | 448634 | 448653 | 448672 |
| | G600HP2 | 16 | 448616 | 448635 | 448654 | 448673 |
| | G600HP2 | 18 | 448617 | 448636 | 448655 | 448674 |
| | G600HP2 | 20 | 448618 | 448637 | 448656 | 448675 |
| | G600HP2 | 22.4 | 448619 | 448638 | 448657 | 448676 |
| Triple | G600HP3 | 25 | 448620 | 448639 | 448658 | 448677 |
| | G600HP3 | 28 | 448621 | 448640 | 448659 | 448678 |
| | G600HP3 | 31.5 | 448622 | 448641 | 448660 | 448679 |
| | G600HP3 | 35.5 | 448623 | 448642 | 448661 | 448680 |
| | G600HP3 | 40 | 448624 | 448643 | 448662 | 448681 |
| | G600HP3 | 45 | 448625 | 448644 | 448663 | 448682 |
| | G600HP3 | 50 | 448626 | 448645 | 448664 | 448683 |
| | G600HP3 | 56 | 448627 | 448646 | 448665 | 448684 |
| | G600HP3 | 63 | 448628 | 448647 | 448666 | 448685 |

MagnaGear XTR[®] gear reducers

Part numbers

MagnaGear XTR G600 accessory part numbers

| Shaft driven fan kits | | | | | |
|-----------------------|-----------------------------------|-----------|---------|-------------|--|
| MagnaGear XTR | Shaft configuration | Reduction | Ratio | Part number | |
| G600HP2 | Parallel | Double | 8-22.4 | 448801 | |
| G600HP3 | Parallel | Triple | 25-63 | 448802 | |
| G600HR3 | Right angle | Triple | 12.5-63 | 448803 | |
| G600HR3 | Right angle uni-directional (CW) | Triple | 12.5-63 | 448804 | |
| G600HR3 | Right angle uni-directional (CCW) | Triple | 12.5-63 | 448805 | |

Mechanical fan kit includes fan, fan shroud, fan guard and mounting hardware.

Electric fan kits

| MagnaGear XTR | Shaft configuration | Reduction | Voltage | Hz | Part number |
|---------------|---------------------|-----------|---------|----|-------------|
| All G600 | All | All | 415 | 50 | 966214 |
| All G600 | All | All | 230/460 | 60 | 448696 |
| All G600 | All | All | 575 | 60 | 448698 |

Electrical fan kit includes fan, electric motor, fan shroud, fan guard and mounting hardware.

Desiccant breather

| MagnaGear XTR | Shaft configuration | Reduction | Ratio | Part number |
|---------------|---------------------|-----------|-------|-------------|
| All G600 | All | All | All | 964368 |

MagnaGear XTR G600 hollow bore twin-tapered bushing information

| Bore diameter | Twin-tapered bushing kit part number | Minimum shaft and keyway length for standard bushing kit | Dimension F See hollow shaft drawings on pages 57, 67 and 69. | Dimension K See hollow shaft drawings on pages 57, 67 and 69. | Clearance required for bushing screw removal |
|------------------------|--------------------------------------|--|--|--|--|
| Metric (mm) | | | | | |
| 200 | 448695 | 693 | 185 | 45 | 76 |
| 190 | 448694 | 693 | 175 | 45 | 76 |
| 180 | 448693 | 693 | 165 | 45 | 76 |
| 170 | 448692 | 693 | 157 | 40 | 76 |
| 160 | 448691 | 693 | 147 | 40 | 76 |
| 155 | 448690 | 693 | 142 | 40 | 76 |
| Imperial (inch) | | | | | |
| 8 | 448689 | 27.30 | 6.873 | 2 | 3.00 |
| 7 | 448688 | 27.30 | 6.014 | 1-3/4 | 3.00 |
| 6-1/2 | 448687 | 27.30 | 5.662 | 1-1/2 | 3.00 |
| 6 | 448686 | 27.30 | 5.155 | 1-1/2 | 3.00 |

Hollow shaft covers

| MagnaGear XTR | Shaft type | Cover type | Part number |
|---------------|------------|------------------|-------------|
| All G600 | Hollow | Inboard (split) | 966193 |
| All G600 | Hollow | Outboard (solid) | 966191 |

MagnaGear XTR[®] gear reducers

Part numbers

MagnaGear XTR G700 right angle shaft reducer part numbers

| Stages | Nomenclature | Ratio | Solid shaft | Solid shaft with backstop | Hollow shaft | Hollow shaft with backstop |
|--------|--------------|-------|-------------|---------------------------|--------------|----------------------------|
| Triple | G700HR3 | 12.5 | 449767 | 449782 | 449737 | 449752 |
| | G700HR3 | 14 | 449768 | 449783 | 449738 | 449753 |
| | G700HR3 | 16 | 449769 | 449784 | 449739 | 449754 |
| | G700HR3 | 18 | 449770 | 449785 | 449740 | 449755 |
| | G700HR3 | 20 | 449771 | 449786 | 449741 | 449756 |
| | G700HR3 | 22.4 | 449772 | 449787 | 449742 | 449757 |
| | G700HR3 | 25 | 449773 | 449788 | 449743 | 449758 |
| | G700HR3 | 28 | 449774 | 449789 | 449744 | 449759 |
| | G700HR3 | 31.5 | 449775 | 449790 | 449745 | 449760 |
| | G700HR3 | 35.5 | 449776 | 449791 | 449746 | 449761 |
| | G700HR3 | 40 | 449777 | 449792 | 449747 | 449762 |
| | G700HR3 | 45 | 449778 | 449793 | 449748 | 449763 |
| | G700HR3 | 50 | 449779 | 449794 | 449749 | 449764 |
| | G700HR3 | 56 | 449780 | 449795 | 449750 | 449765 |
| | G700HR3 | 63 | 449781 | 449796 | 449751 | 449766 |

MagnaGear XTR G700 parallel shaft reducer part numbers

| Stages | Nomenclature | Ratio | Solid shaft | Solid shaft with backstop | Hollow shaft | Hollow shaft with backstop |
|--------|--------------|-------|-------------|---------------------------|--------------|----------------------------|
| Double | G700HP2 | 8 | 449821 | 449833 | 449797 | 449809 |
| | G700HP2 | 9 | 449822 | 449834 | 449798 | 449810 |
| | G700HP2 | 10 | 449823 | 449835 | 449799 | 449811 |
| | G700HP2 | 11.2 | 449824 | 449836 | 449800 | 449812 |
| | G700HP2 | 12.5 | 449825 | 449837 | 449801 | 449813 |
| | G700HP2 | 14 | 449826 | 449838 | 449802 | 449814 |
| | G700HP2 | 16 | 449827 | 449839 | 449803 | 449815 |
| | G700HP2 | 18 | 449828 | 449840 | 449804 | 449816 |
| | G700HP2 | 20 | 449829 | 449841 | 449805 | 449817 |
| | G700HP2 | 22.4 | 449830 | 449842 | 449806 | 449818 |
| | G700HP2 | 25 | 449831 | 449843 | 449807 | 449819 |
| | G700HP2 | 28 | 449832 | 449844 | 449808 | 449820 |

MagnaGear XTR[®] gear reducers

Part numbers

MagnaGear XTR G700 accessory part numbers

| Shaft driven fan kits | | | | |
|-----------------------|-----------------------------------|-----------|---------|-------------|
| MagnaGear XTR | Shaft configuration | Reduction | Ratio | Part number |
| G700HP2 | Parallel | Double | 8-28 | 454020 |
| G700HR3 | Right angle | Triple | 12.5-63 | 454019 |
| G700HR3 | Right angle uni-directional (CW) | Triple | 12.5-63 | 965261 |
| G700HR3 | Right angle uni-directional (CCW) | Triple | 12.5-63 | 965124 |

Mechanical fan kit includes fan, fan shroud, fan guard and mounting hardware.

Electric fan kits

| MagnaGear XTR | Shaft configuration | Reduction | Voltage | Hz | Part number |
|---------------|---------------------|-----------|---------|----|-------------|
| All G700 | All | All | 415 | 50 | 966215 |
| All G700 | All | All | 230/460 | 60 | 452097 |
| All G700 | All | All | 575 | 60 | 452056 |

Electrical fan kit includes fan, electric motor, fan shroud, fan guard and mounting hardware.

Desiccant breather

| MagnaGear XTR | Shaft configuration | Reduction | Ratio | Part number |
|---------------|---------------------|-----------|-------|-------------|
| All G700 | All | All | All | 964368 |

MagnaGear XTR[®] gear reducers

Part numbers

MagnaGear XTR G920 right angle shaft reducer part numbers

| Stages | Nomenclature | Ratio | Solid shaft | Solid shaft with backstop | Hollow shaft | Hollow shaft with backstop |
|--------|--------------|-------|-------------|---------------------------|--------------|----------------------------|
| Triple | G920HR3 | 12.5 | 449875 | 449890 | 449845 | 449860 |
| | G920HR3 | 14 | 449876 | 449891 | 449846 | 449861 |
| | G920HR3 | 16 | 449877 | 449892 | 449847 | 449862 |
| | G920HR3 | 18 | 449878 | 449893 | 449848 | 449863 |
| | G920HR3 | 20 | 449879 | 449894 | 449849 | 449864 |
| | G920HR3 | 22.4 | 449880 | 449895 | 449850 | 449865 |
| | G920HR3 | 25 | 449881 | 449896 | 449851 | 449866 |
| | G920HR3 | 28 | 449882 | 449897 | 449852 | 449867 |
| | G920HR3 | 31.5 | 449883 | 449898 | 449853 | 449868 |
| | G920HR3 | 35.5 | 449884 | 449899 | 449854 | 449869 |
| | G920HR3 | 40 | 449885 | 449900 | 449855 | 449870 |
| | G920HR3 | 45 | 449886 | 449901 | 449856 | 449871 |
| | G920HR3 | 50 | 449887 | 449902 | 449857 | 449872 |
| | G920HR3 | 56 | 449888 | 449903 | 449858 | 449873 |
| | G920HR3 | 63 | 449889 | 449904 | 449859 | 449874 |

MagnaGear XTR G920 parallel shaft reducer part numbers

| Stages | Nomenclature | Ratio | Solid shaft | Solid shaft with backstop | Hollow shaft | Hollow shaft with backstop |
|--------|--------------|-------|-------------|---------------------------|--------------|----------------------------|
| Double | G920HP2 | 8 | 449929 | 449941 | 449905 | 449917 |
| | G920HP2 | 9 | 449930 | 449942 | 449906 | 449918 |
| | G920HP2 | 10 | 449931 | 449943 | 449907 | 449919 |
| | G920HP2 | 11.2 | 449932 | 449944 | 449908 | 449920 |
| | G920HP2 | 12.5 | 449933 | 449945 | 449909 | 449921 |
| | G920HP2 | 14 | 449934 | 449946 | 449910 | 449922 |
| | G920HP2 | 16 | 449935 | 449947 | 449911 | 449923 |
| | G920HP2 | 18 | 449936 | 449948 | 449912 | 449924 |
| | G920HP2 | 20 | 449937 | 449949 | 449913 | 449925 |
| | G920HP2 | 22.4 | 449938 | 449950 | 449914 | 449926 |
| | G920HP2 | 25 | 449939 | 449951 | 449915 | 449927 |
| | G920HP2 | 28 | 449940 | 449952 | 449916 | 449928 |

MagnaGear XTR[®] gear reducers

Part numbers

MagnaGear XTR G920 accessory part numbers

| Shaft driven fan kits | | | | |
|-----------------------|-----------------------------------|-----------|---------|-------------|
| MagnaGear XTR | Shaft configuration | Reduction | Ratio | Part number |
| G920HP2 | Parallel | Double | 8-28 | 454022 |
| G920HR3 | Right angle | Triple | 12.5-63 | 454021 |
| G920HR3 | Right angle uni-directional (CW) | Triple | 12.5-63 | 965804 |
| G920HR3 | Right angle uni-directional (CCW) | Triple | 12.5-63 | 966201 |

Mechanical fan kit includes fan, fan shroud, fan guard and mounting hardware.

Electric fan kits

| MagnaGear XTR | Shaft configuration | Reduction | Voltage | Hz | Part number |
|---------------|---------------------|-----------|---------|----|-------------|
| All G920 | All | All | 415 | 50 | 966217 |
| All G920 | All | All | 230/460 | 60 | 454030 |
| All G920 | All | All | 575 | 60 | 454032 |

Electrical fan kit includes fan, electric motor, fan shroud, fan guard and mounting hardware.

Desiccant breather

| MagnaGear XTR | Shaft configuration | Reduction | Ratio | Part number |
|---------------|---------------------|-----------|-------|-------------|
| All G920 | All | All | All | 964368 |

MagnaGear XTR[®] gear reducers

Part numbers

MagnaGear XTR G1400 right angle shaft reducer part numbers

| Nomenclature | Ratio | Solid shaft | Solid shaft with backstop |
|--------------|-------|-------------|---------------------------|
| G1400HR3 | 12.5 | 448294 | 448309 |
| G1400HR3 | 14 | 448295 | 448310 |
| G1400HR3 | 16 | 448296 | 448311 |
| G1400HR3 | 18 | 448297 | 448312 |
| G1400HR3 | 20 | 448298 | 448313 |
| G1400HR3 | 22.4 | 448299 | 448314 |
| G1400HR3 | 25 | 448300 | 448315 |
| G1400HR3 | 28 | 448301 | 448316 |
| G1400HR3 | 31.5 | 448302 | 448317 |
| G1400HR3 | 35.5 | 448303 | 448318 |
| G1400HR3 | 40 | 448304 | 448319 |
| G1400HR3 | 45 | 448305 | 448320 |
| G1400HR3 | 50 | 448306 | 448321 |
| G1400HR3 | 56 | 448307 | 448322 |
| G1400HR3 | 63 | 448308 | 448323 |

MagnaGear XTR G1400 parallel shaft reducer part numbers

| Nomenclature | Ratio | Solid shaft | Solid shaft with backstop |
|--------------|-------|-------------|---------------------------|
| G1400HP2 | 12.5 | 448250 | 448261 |
| G1400HP2 | 14 | 448251 | 448262 |
| G1400HP2 | 16 | 448252 | 448263 |
| G1400HP2 | 18 | 448253 | 448264 |
| G1400HP2 | 20 | 448254 | 448265 |
| G1400HP2 | 22.4 | 448255 | 448266 |
| G1400HP2 | 25 | 448256 | 448267 |
| G1400HP2 | 28 | 448257 | 448268 |
| G1400HP2 | 31.5 | 448258 | 448269 |
| G1400HP2 | 35.5 | 448259 | 448270 |
| G1400HP2 | 40 | 448260 | 448271 |

MagnaGear XTR[®] gear reducers

Part numbers

MagnaGear XTR G1400 accessory part numbers

| Shaft driven fan kits | | | | |
|-----------------------|---------------------|-----------|---------|-------------|
| MagnaGear XTR | Shaft configuration | Reduction | Ratio | Part number |
| G1400HP2 | Parallel | Double | 12.5-40 | 448520 |
| G1400HR3 | Right angle | Triple | 12.5-63 | 448521 |

Mechanical fan kit includes fan, fan shroud, fan guard and mounting hardware.

Electric fan kits

| MagnaGear XTR | Shaft configuration | Reduction | Voltage | Hz | Part number |
|---------------|---------------------|-----------|---------|----|-------------|
| G1400HP2 | Parallel | All | 415 | 50 | 448525 |
| G1400HP2 | Parallel | All | 230/460 | 60 | 448524 |
| G1400HP2 | Parallel | All | 575 | 60 | 448526 |
| G1400HR3 | Right angle | All | 415 | 50 | 448528 |
| G1400HR3 | Right angle | All | 230/460 | 60 | 448527 |
| G1400HR3 | Right angle | All | 575 | 60 | 448529 |

Electrical fan kit includes fan, electric motor, fan shroud, fan guard and mounting hardware.

Desiccant breather

| MagnaGear XTR | Shaft configuration | Reduction | Ratio | Part number |
|---------------|---------------------|-----------|-------|-------------|
| All G1400 | All | All | All | 964370 |

MagnaGear XTR[®] gear reducers

Part numbers

MagnaGear XTR G2100 right angle shaft reducer part numbers

| Nomenclature | Ratio | Solid shaft | Solid shaft with backstop |
|--------------|-------|-------------|---------------------------|
| G2100HR3 | 12.5 | 448398 | 448413 |
| G2100HR3 | 14 | 448399 | 448414 |
| G2100HR3 | 16 | 448400 | 448415 |
| G2100HR3 | 18 | 448401 | 448416 |
| G2100HR3 | 20 | 448402 | 448417 |
| G2100HR3 | 22.4 | 448403 | 448418 |
| G2100HR3 | 25 | 448404 | 448419 |
| G2100HR3 | 28 | 448405 | 448420 |
| G2100HR3 | 31.5 | 448406 | 448421 |
| G2100HR3 | 35.5 | 448407 | 448422 |
| G2100HR3 | 40 | 448408 | 448423 |
| G2100HR3 | 45 | 448409 | 448424 |
| G2100HR3 | 50 | 448410 | 448425 |
| G2100HR3 | 56 | 448411 | 448426 |
| G2100HR3 | 63 | 448412 | 448427 |

MagnaGear XTR G2100 parallel shaft reducer part numbers

| Nomenclature | Ratio | Solid shaft | Solid shaft with backstop |
|--------------|-------|-------------|---------------------------|
| G2100HP2 | 12.5 | 448354 | 448365 |
| G2100HP2 | 14 | 448355 | 448366 |
| G2100HP2 | 16 | 448356 | 448367 |
| G2100HP2 | 18 | 448357 | 448368 |
| G2100HP2 | 20 | 448358 | 448369 |
| G2100HP2 | 22.4 | 448359 | 448370 |
| G2100HP2 | 25 | 448360 | 448371 |
| G2100HP2 | 28 | 448361 | 448372 |
| G2100HP2 | 31.5 | 448362 | 448373 |
| G2100HP2 | 35.5 | 448363 | 448374 |
| G2100HP2 | 40 | 448364 | 448375 |

MagnaGear XTR[®] gear reducers

Part numbers

MagnaGear XTR G2100 accessory part numbers

Shaft driven fan kits

| MagnaGear XTR | Shaft configuration | Reduction | Ratio | Part number |
|---------------|---------------------|-----------|---------|-------------|
| G2100HP2 | Parallel | Double | 12.5-40 | 448530 |
| G2100HR3 | Right angle | Triple | 12.5-63 | 448531 |

Mechanical fan kit includes fan, fan shroud, fan guard and mounting hardware.

Electric fan kits

| MagnaGear XTR | Shaft configuration | Reduction | Voltage | Hz | Part number |
|---------------|---------------------|-----------|---------|----|-------------|
| G2100HP2 | Parallel | All | 415 | 50 | 448535 |
| G2100HP2 | Parallel | All | 230/460 | 60 | 448534 |
| G2100HP2 | Parallel | All | 575 | 60 | 448536 |
| G2100HR3 | Right angle | All | 415 | 50 | 448538 |
| G2100HR3 | Right angle | All | 230/460 | 60 | 448537 |
| G2100HR3 | Right angle | All | 575 | 60 | 448539 |

Electrical fan kit includes fan, electric motor, fan shroud, fan guard and mounting hardware.

Desiccant breather

| MagnaGear XTR | Shaft configuration | Reduction | Ratio | Part number |
|---------------|---------------------|-----------|-------|-------------|
| All G2100 | All | All | All | 964370 |

MagnaGear XTR[®] gear reducers

Part numbers

MagnaGear XTR G3500 right angle shaft reducer part numbers

| Nomenclature | Ratio | Solid shaft | Solid shaft with backstop |
|--------------|-------|-------------|---------------------------|
| G3500HR3 | 12.5 | 448502 | 448517 |
| G3500HR3 | 14 | 448503 | 448518 |
| G3500HR3 | 16 | 448504 | 448519 |
| G3500HR3 | 18 | 448505 | 448200 |
| G3500HR3 | 20 | 448506 | 448201 |
| G3500HR3 | 22.4 | 448507 | 448202 |
| G3500HR3 | 25 | 448508 | 448203 |
| G3500HR3 | 28 | 448509 | 448204 |
| G3500HR3 | 31.5 | 448510 | 448205 |
| G3500HR3 | 35.5 | 448511 | 448206 |
| G3500HR3 | 40 | 448512 | 448207 |
| G3500HR3 | 45 | 448513 | 448208 |
| G3500HR3 | 50 | 448514 | 448209 |
| G3500HR3 | 56 | 448515 | 448210 |
| G3500HR3 | 63 | 448516 | 448211 |

MagnaGear XTR G3500 parallel shaft reducer part numbers

| Nomenclature | Ratio | Solid shaft | Solid shaft with backstop |
|--------------|-------|-------------|---------------------------|
| G3500HP2 | 12.5 | 448458 | 448469 |
| G3500HP2 | 14 | 448459 | 448470 |
| G3500HP2 | 16 | 448460 | 448471 |
| G3500HP2 | 18 | 448461 | 448472 |
| G3500HP2 | 20 | 448462 | 448473 |
| G3500HP2 | 22.4 | 448463 | 448474 |
| G3500HP2 | 25 | 448464 | 448475 |
| G3500HP2 | 28 | 448465 | 448476 |
| G3500HP2 | 31.5 | 448466 | 448477 |
| G3500HP2 | 35.5 | 448467 | 448478 |
| G3500HP2 | 40 | 448468 | 448479 |

MagnaGear XTR[®] gear reducers

Part numbers

Electric fan kits

| MagnaGear XTR | Shaft configuration | Reduction | Voltage | Hz | Part number |
|---------------|---------------------|-----------|---------|----|-------------|
| G3500HP2 | Parallel | All | 415 | 50 | 448545 |
| G3500HP2 | Parallel | All | 230/460 | 60 | 448544 |
| G3500HP2 | Parallel | All | 575 | 60 | 448546 |
| G3500HR3 | Right angle | All | 415 | 50 | 448548 |
| G3500HR3 | Right angle | All | 230/460 | 60 | 448547 |
| G3500HR3 | Right angle | All | 575 | 60 | 448549 |

Electrical fan kit includes fan, electric motor, fan shroud, fan guard and mounting hardware.

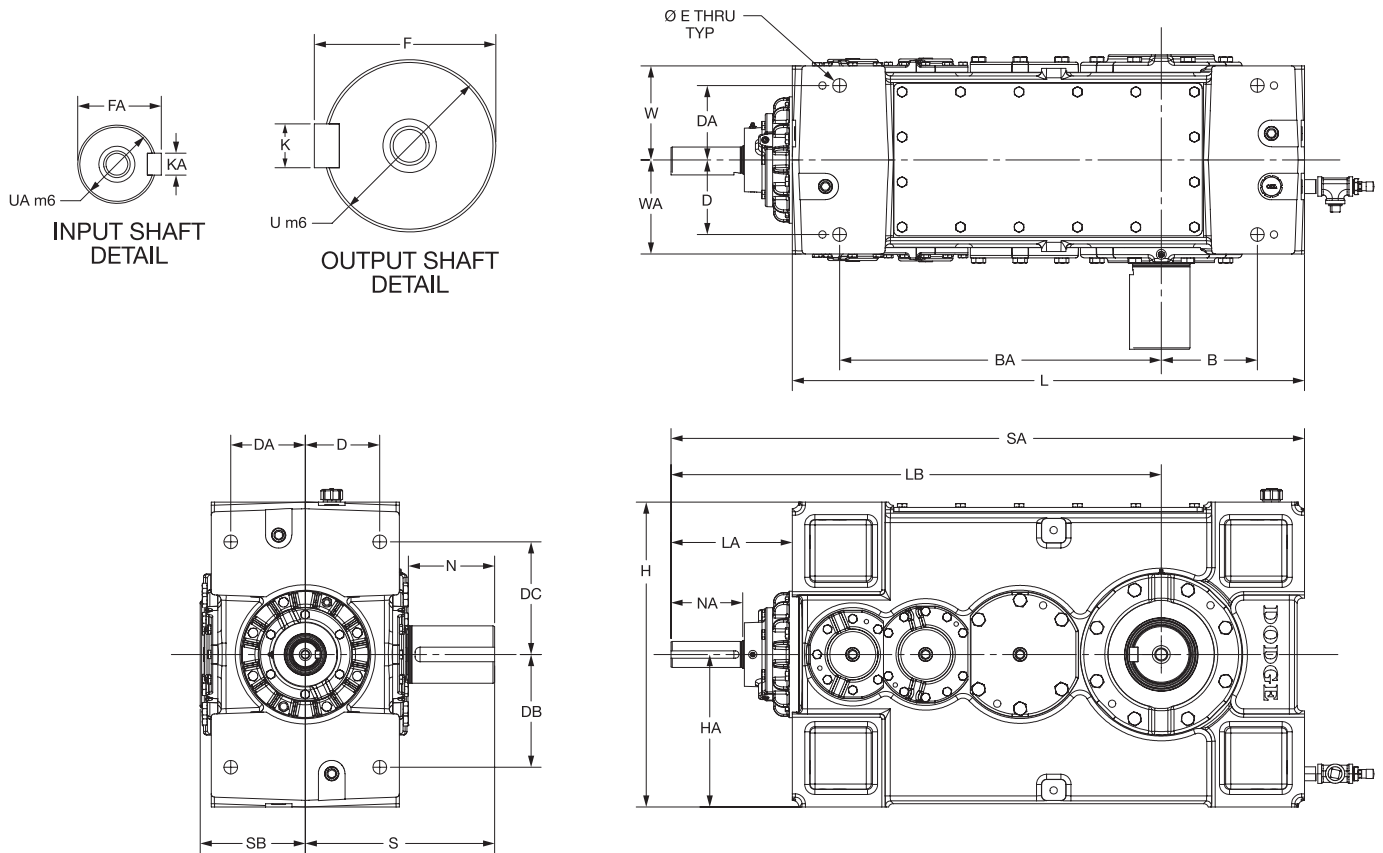
Desiccant breather

| MagnaGear XTR | Shaft configuration | Reduction | Ratio | Part number |
|---------------|---------------------|-----------|-------|-------------|
| All G3500 | All | All | All | 964370 |

MagnaGear XTR[®] gear reducers

Dimension drawings – right angle

Sizes G100, G150, G210, G285, G390 and G600 – solid output shaft



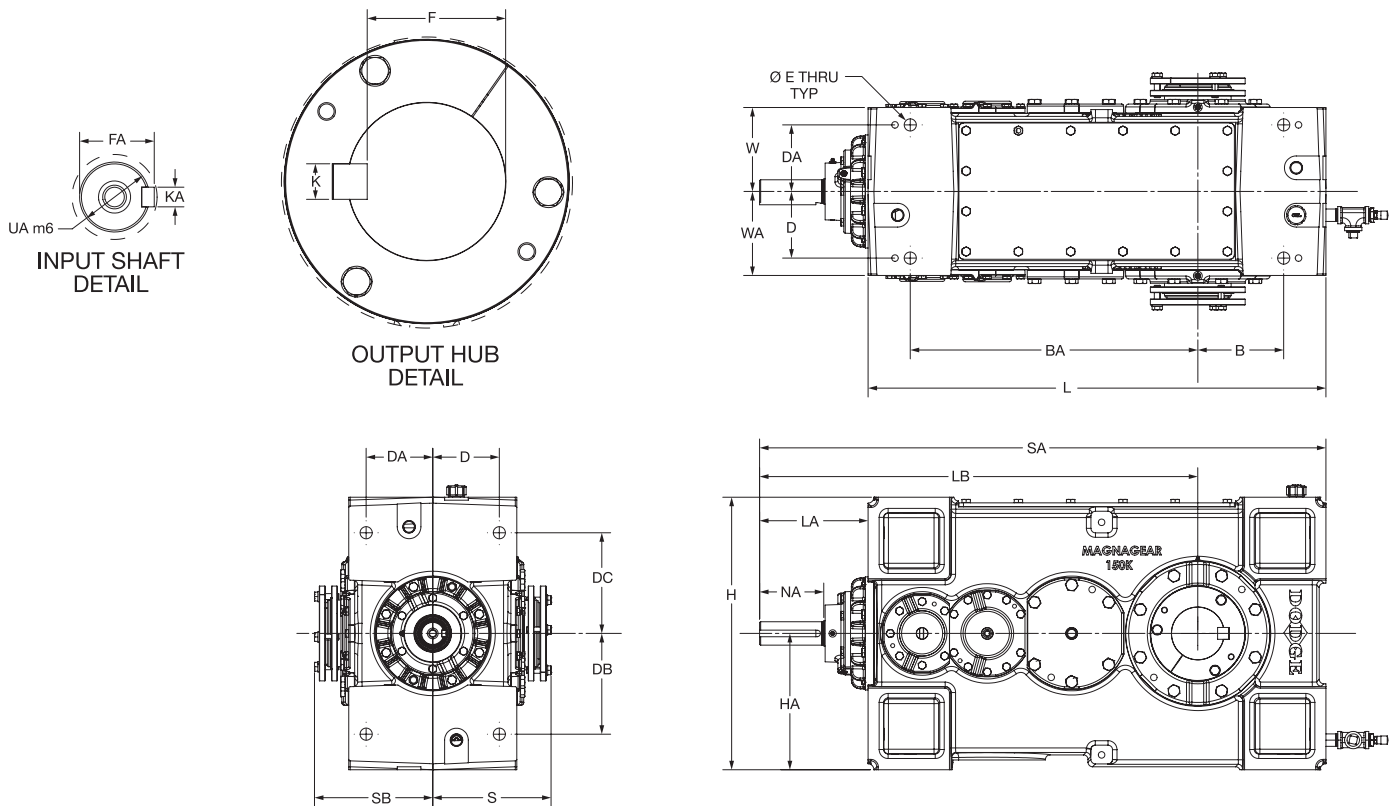
| Reducer | Size | Units | B | BA | D | DA | DB | DC | E | F | FA | H | HA | K | KA | L | LA | LB |
|---------|------|-------|--------|--------|--------|--------|--------|--------|-------|--------|-------|--------|--------|-------|-------|---------|--------|---------|
| G100 | mm | | 174.75 | 569.85 | 136.65 | 136.65 | 177.80 | 177.80 | 26.00 | 98.95 | 48.45 | 520.70 | 260.35 | 25.00 | 14.00 | 881.76 | 213.69 | 849.07 |
| | inch | | 6.88 | 22.40 | 5.38 | 5.38 | 7.00 | 7.00 | 1.02 | 3.90 | 1.91 | 20.50 | 10.25 | 0.98 | 0.55 | 34.72 | 8.41 | 33.43 |
| G150 | mm | | 184.15 | 616.46 | 142.75 | 142.75 | 215.90 | 215.90 | 26.00 | 116.00 | 53.50 | 584.20 | 292.10 | 28.00 | 14.00 | 981.46 | 232.54 | 939.42 |
| | inch | | 7.25 | 24.27 | 5.62 | 5.62 | 8.50 | 8.50 | 1.02 | 4.57 | 2.11 | 23.00 | 11.50 | 1.10 | 0.55 | 38.64 | 9.16 | 36.99 |
| G210 | mm | | 203.20 | 711.20 | 146.05 | 146.05 | 234.95 | 234.95 | 26.00 | 127.00 | 59.00 | 647.70 | 323.85 | 32.00 | 16.00 | 1130.30 | 239.12 | 1056.74 |
| | inch | | 8.00 | 28.00 | 5.75 | 5.75 | 9.25 | 9.25 | 1.02 | 5.00 | 2.32 | 25.50 | 12.75 | 1.26 | 0.63 | 44.50 | 9.41 | 41.60 |
| G285 | mm | | 219.20 | 763.52 | 165.10 | 165.10 | 254.00 | 254.00 | 33.00 | 136.90 | 63.88 | 705.10 | 352.55 | 32.00 | 18.00 | 1209.80 | 256.59 | 1113.65 |
| | inch | | 8.63 | 30.06 | 6.50 | 6.50 | 10.00 | 10.00 | 1.30 | 5.39 | 2.52 | 27.76 | 13.88 | 1.26 | 0.71 | 47.63 | 10.10 | 44.63 |
| G390 | mm | | 248.92 | 809.75 | 190.50 | 190.50 | 268.22 | 268.22 | 33.00 | 152.80 | 68.83 | 755.90 | 377.95 | 36.00 | 18.00 | 1280.67 | 314.96 | 1235.71 |
| | inch | | 9.8 | 31.88 | 7.50 | 7.50 | 10.56 | 10.56 | 1.30 | 6.02 | 2.71 | 29.76 | 14.88 | 1.42 | 0.71 | 50.42 | 12.40 | 48.65 |
| G600 | mm | | 300.13 | 919.07 | 219.08 | 219.08 | 292.10 | 292.10 | 39.00 | 190.00 | 79.37 | 849.38 | 424.69 | 45.00 | 19.97 | 919.07 | 326.03 | 1373.12 |
| | inch | | 11.82 | 36.18 | 8.63 | 8.63 | 11.5 | 11.5 | 1.54 | 7.48 | 3.12 | 33.44 | 16.72 | 1.77 | 0.79 | 58.08 | 12.84 | 54.06 |

| Reducer | Size | Units | N | NA | A | SA | SB | U | UA | W | WA | Weight | Units |
|---------|------|-------|--------|--------|--------|---------|--------|-----------------|-----------------|--------|--------|--------|-------|
| G100 | mm | | 152.40 | 141.81 | 334.70 | 1095.45 | 186.23 | 95 m6 | 45 m6 | 165.00 | 165.00 | 565 | kg |
| | inch | | 6.00 | 5.58 | 13.18 | 43.13 | 7.33 | 3.7402 ± 0.0005 | 1.7720 ± 0.0004 | 6.50 | 6.50 | 1245 | lbs |
| G150 | mm | | 164.58 | 137.54 | 359.73 | 1213.99 | 201.35 | 110 m6 | 50 m6 | 180.09 | 180.09 | 777 | kg |
| | inch | | 6.48 | 5.42 | 14.16 | 47.80 | 7.93 | 4.3307 ± 0.0005 | 1.9685 ± 0.0004 | 7.09 | 7.09 | 1714 | lbs |
| G210 | mm | | 177.80 | 150.87 | 391.43 | 1389.42 | 211.84 | 120 m6 | 55 m6 | 190.50 | 190.50 | 1022 | kg |
| | inch | | 7.00 | 5.94 | 15.41 | 53.91 | 8.34 | 4.7244 ± 0.0005 | 2.1662 ± 0.0004 | 7.50 | 7.50 | 2253 | lbs |
| G285 | mm | | 187.45 | 166.37 | 413.94 | 1466.39 | 227.08 | 130 m6 | 60 m6 | 203.20 | 203.20 | 1150 | kg |
| | inch | | 7.38 | 6.55 | 16.30 | 57.73 | 8.94 | 5.1192 ± 0.0005 | 2.3630 ± 0.0004 | 8.00 | 8.00 | 2536 | lbs |
| G390 | mm | | 204.98 | 174.17 | 454.36 | 1595.63 | 241.43 | 145 m6 | 65 m6 | 228.60 | 228.60 | 1480 | kg |
| | inch | | 8.07 | 6.86 | 17.89 | 62.82 | 9.51 | 5.7097 ± 0.0005 | 2.5599 ± 0.0004 | 9.00 | 9.00 | 3262 | lbs |
| G600 | mm | | 304.80 | 188.72 | 592.62 | 1801.28 | 284.86 | 180 m6 | 75 m6 | 266.21 | 266.21 | 2404 | kg |
| | inch | | 12.00 | 7.43 | 23.33 | 70.92 | 11.22 | 7.0866 ± 0.0005 | 2.9536 ± 0.0004 | 10.48 | 10.48 | 5300 | lbs |

MagnaGear XTR® gear reducers

Dimension drawings – right angle

Sizes G100, G150, G210, G285, G390 and G600 – hollow output shaft



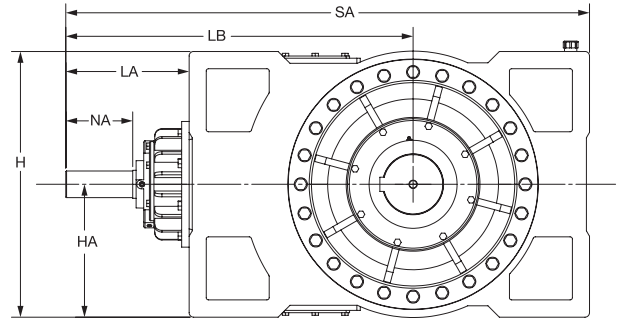
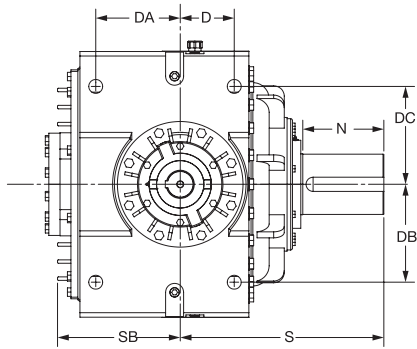
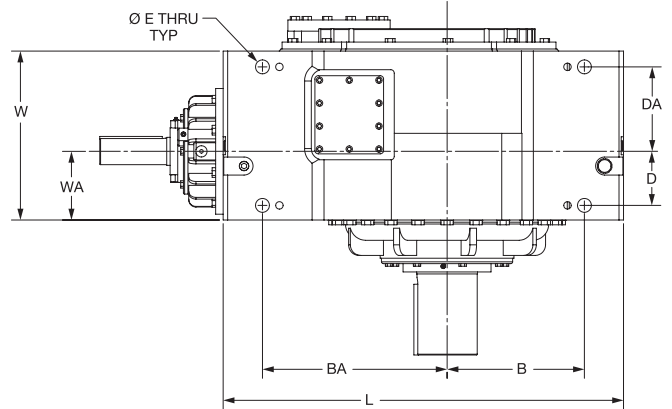
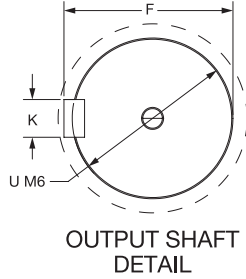
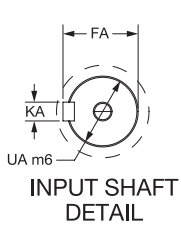
| Reducer | Units | B | BA | D | DA | DB | DC | E | F | FA | H | HA | K | KA | L |
|---------|-------|--------|--------|--------|--------|--------|--------|-------|-------------|-------|--------|--------|-------------|-------|---------|
| G100 | mm | 174.75 | 569.85 | 136.65 | 136.65 | 177.80 | 177.80 | 26.00 | See page 33 | 48.45 | 520.70 | 260.35 | See page 33 | 14.00 | 881.76 |
| | inch | 6.88 | 22.4 | 5.38 | 5.38 | 7.00 | 7.00 | 1.02 | See page 33 | 1.91 | 20.50 | 10.25 | See page 33 | 0.55 | 34.72 |
| G150 | mm | 184.15 | 616.46 | 142.75 | 142.75 | 215.90 | 215.90 | 26.00 | See page 35 | 53.50 | 584.20 | 292.10 | See page 35 | 14.00 | 981.46 |
| | inch | 7.25 | 24.27 | 5.62 | 5.62 | 8.50 | 8.50 | 1.02 | See page 35 | 2.11 | 23.00 | 11.50 | See page 35 | 0.55 | 38.64 |
| G210 | mm | 203.20 | 711.20 | 146.05 | 146.05 | 234.95 | 234.95 | 26.00 | See page 37 | 59.00 | 647.70 | 323.85 | See page 37 | 16.00 | 1130.30 |
| | inch | 8.00 | 28.00 | 5.75 | 5.75 | 9.25 | 9.25 | 1.02 | See page 37 | 2.32 | 25.50 | 12.75 | See page 37 | 0.63 | 44.50 |
| G285 | mm | 219.20 | 763.52 | 165.10 | 165.10 | 254.00 | 254.00 | 33.00 | See page 39 | 63.88 | 705.10 | 352.55 | See page 39 | 18.00 | 1209.80 |
| | inch | 8.63 | 30.06 | 6.50 | 6.50 | 10.00 | 10.00 | 1.30 | See page 39 | 2.52 | 27.76 | 13.88 | See page 39 | 0.71 | 47.63 |
| G390 | mm | 248.92 | 809.75 | 190.50 | 190.50 | 268.22 | 268.22 | 33.00 | See page 41 | 68.83 | 755.90 | 377.95 | See page 41 | 18.00 | 1280.67 |
| | inch | 9.80 | 31.88 | 7.50 | 7.50 | 10.56 | 10.56 | 1.30 | See page 41 | 2.71 | 29.76 | 14.88 | See page 41 | 0.71 | 50.42 |
| G600 | mm | 300.13 | 919.07 | 219.08 | 219.08 | 292.10 | 292.10 | 39.00 | See page 45 | 79.37 | 849.38 | 424.69 | See page 45 | 19.97 | 919.07 |
| | inch | 11.82 | 36.18 | 8.63 | 8.63 | 11.50 | 11.50 | 1.54 | See page 45 | 3.12 | 33.44 | 16.72 | See page 45 | 0.79 | 58.08 |

| Reducer | Units | LA | LB | NA | S | SA | SB | UA | W | WA | Weight | Units |
|---------|-------|--------|---------|--------|--------|---------|--------|-----------------|--------|--------|--------|-------|
| G100 | mm | 213.69 | 849.07 | 141.81 | 232.11 | 1095.45 | 233.48 | 45 m6 | 165.00 | 165.00 | 549 | kg |
| | inch | 8.41 | 33.43 | 5.58 | 9.14 | 43.13 | 9.19 | 1.7720 ± 0.0004 | 6.50 | 6.50 | 1210 | lbs |
| G150 | mm | 232.54 | 939.42 | 137.54 | 253.59 | 1213.99 | 253.59 | 50 m6 | 180.09 | 180.09 | 749 | kg |
| | inch | 9.16 | 36.99 | 5.42 | 9.98 | 47.80 | 9.98 | 1.9685 ± 0.0004 | 7.09 | 7.09 | 1651 | lbs |
| G210 | mm | 239.12 | 1056.74 | 150.87 | 276.35 | 1389.42 | 276.35 | 55 m6 | 190.50 | 190.50 | 987 | kg |
| | inch | 9.41 | 41.6 | 5.94 | 10.88 | 53.91 | 10.88 | 2.1662 ± 0.0004 | 7.50 | 7.50 | 2175 | lbs |
| G285 | mm | 256.59 | 1113.65 | 166.37 | 290.11 | 1466.39 | 292.62 | 60 m6 | 203.20 | 203.20 | 1095 | kg |
| | inch | 10.10 | 44.63 | 6.55 | 11.42 | 57.73 | 11.52 | 2.3630 ± 0.0004 | 8.00 | 8.00 | 2413 | lbs |
| G390 | mm | 314.96 | 1235.71 | 174.17 | 315.93 | 1595.63 | 315.93 | 65 m6 | 228.60 | 228.60 | 1376 | kg |
| | inch | 12.40 | 48.65 | 6.86 | 12.44 | 62.82 | 12.44 | 2.5599 ± 0.0004 | 9.00 | 9.00 | 3034 | lbs |
| G600 | mm | 326.03 | 1373.12 | 188.72 | 365.64 | 1801.28 | 365.64 | 75 m6 | 266.21 | 266.21 | 2291 | kg |
| | inch | 12.84 | 54.06 | 7.43 | 14.40 | 70.92 | 14.40 | 2.9536 ± 0.0004 | 10.48 | 10.48 | 5050 | lbs |

MagnaGear XTR[®] gear reducers

Dimension drawings – right angle

Sizes G525, G700 and G920 – solid output shaft



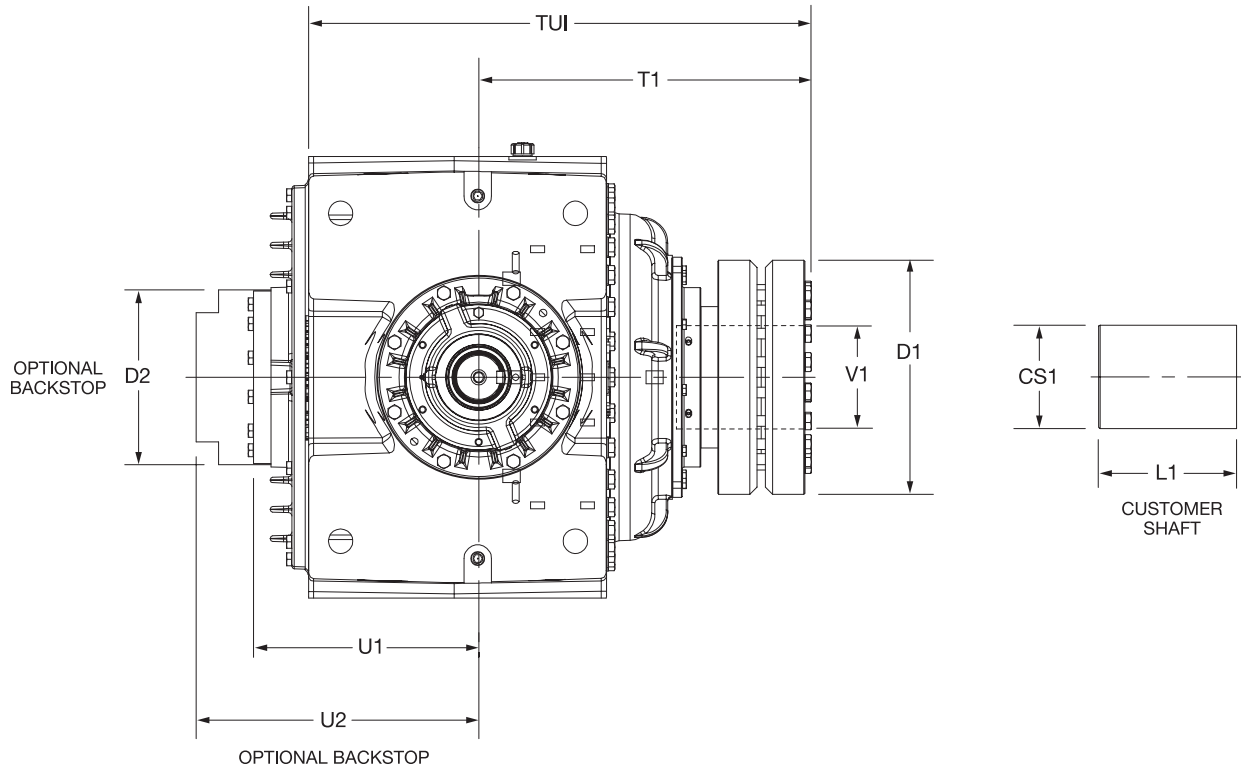
| Reducer | | Size | Units | B | BA | D | DA | DB | DC | E | F | FA | H | HA | K | KA | L | LA | LB |
|---------|------|------|-------|--------|--------|--------|--------|--------|--------|-------|--------|-------|--------|--------|-------|-------|---------|--------|---------|
| G525 | mm | | | 387.50 | 520.70 | 152.40 | 238.25 | 276.10 | 276.10 | 39.00 | 178.80 | 79.37 | 749.30 | 374.65 | 40.00 | 20.00 | 1128.27 | 348.74 | 979.42 |
| | inch | | | 15.25 | 20.50 | 6.00 | 9.38 | 10.87 | 10.87 | 1.53 | 7.04 | 3.12 | 29.50 | 14.75 | 1.57 | 0.79 | 44.42 | 13.73 | 38.56 |
| G700 | mm | | | 434.98 | 596.90 | 177.80 | 254.00 | 301.50 | 301.50 | 45.01 | 199.82 | 89.83 | 812.80 | 406.40 | 45.00 | 22.00 | 1254.00 | 348.90 | 1058.55 |
| | inch | | | 17.13 | 23.50 | 7.00 | 10.00 | 11.87 | 11.87 | 1.77 | 7.87 | 3.54 | 32.00 | 16.00 | 1.77 | 0.87 | 49.37 | 13.74 | 41.68 |
| G920 | mm | | | 493.78 | 622.30 | 200.91 | 260.35 | 317.50 | 317.50 | 51.99 | 226.07 | 94.74 | 914.40 | 457.20 | 50.00 | 25.00 | 1400.18 | 416.81 | 1182.12 |
| | inch | | | 19.44 | 24.50 | 7.91 | 10.25 | 12.50 | 12.50 | 2.05 | 8.90 | 3.73 | 36.00 | 18.00 | 1.97 | 0.98 | 55.13 | 16.41 | 46.54 |

| Reducer | | Size | Units | N | NA | A | SA | SB | U | UA | W | WA | Weight | Units |
|---------|------|------|-------|--------|--------|--------|---------|--------|-----------------|-----------------|--------|--------|--------|-------|
| G525 | mm | | | 233.93 | 188.72 | 574.29 | 1477.12 | 346.25 | 170m6 | 75 m6 | 476.25 | 193.55 | 1740 | kg |
| | inch | | | 9.21 | 7.43 | 22.61 | 58.15 | 13.63 | 6.6940 ± 0.0005 | 2.9536 ± 0.0005 | 18.75 | 7.62 | 3836 | lbs |
| G700 | mm | | | 256.03 | 203.71 | 670.78 | 1602.96 | 389.66 | 190m6 | 85 m6 | 548.12 | 234.95 | 2244 | kg |
| | inch | | | 10.08 | 8.02 | 26.41 | 63.11 | 15.34 | 7.4800 ± 0.0005 | 3.3474 ± 0.0005 | 21.58 | 9.25 | 4947 | lbs |
| G920 | mm | | | 292.10 | 226.31 | 751.07 | 1817.08 | 411.11 | 215m6 | 90 m6 | 595.38 | 268.22 | 2376 | kg |
| | inch | | | 11.50 | 8.91 | 29.57 | 71.54 | 16.19 | 8.4658 ± 0.0005 | 3.5443 ± 0.0005 | 23.44 | 10.56 | 5238 | lbs |

MagnaGear XTR[®] gear reducers

Dimension drawings – right angle

Sizes G525, G700 and G920 – shrink disk output shaft

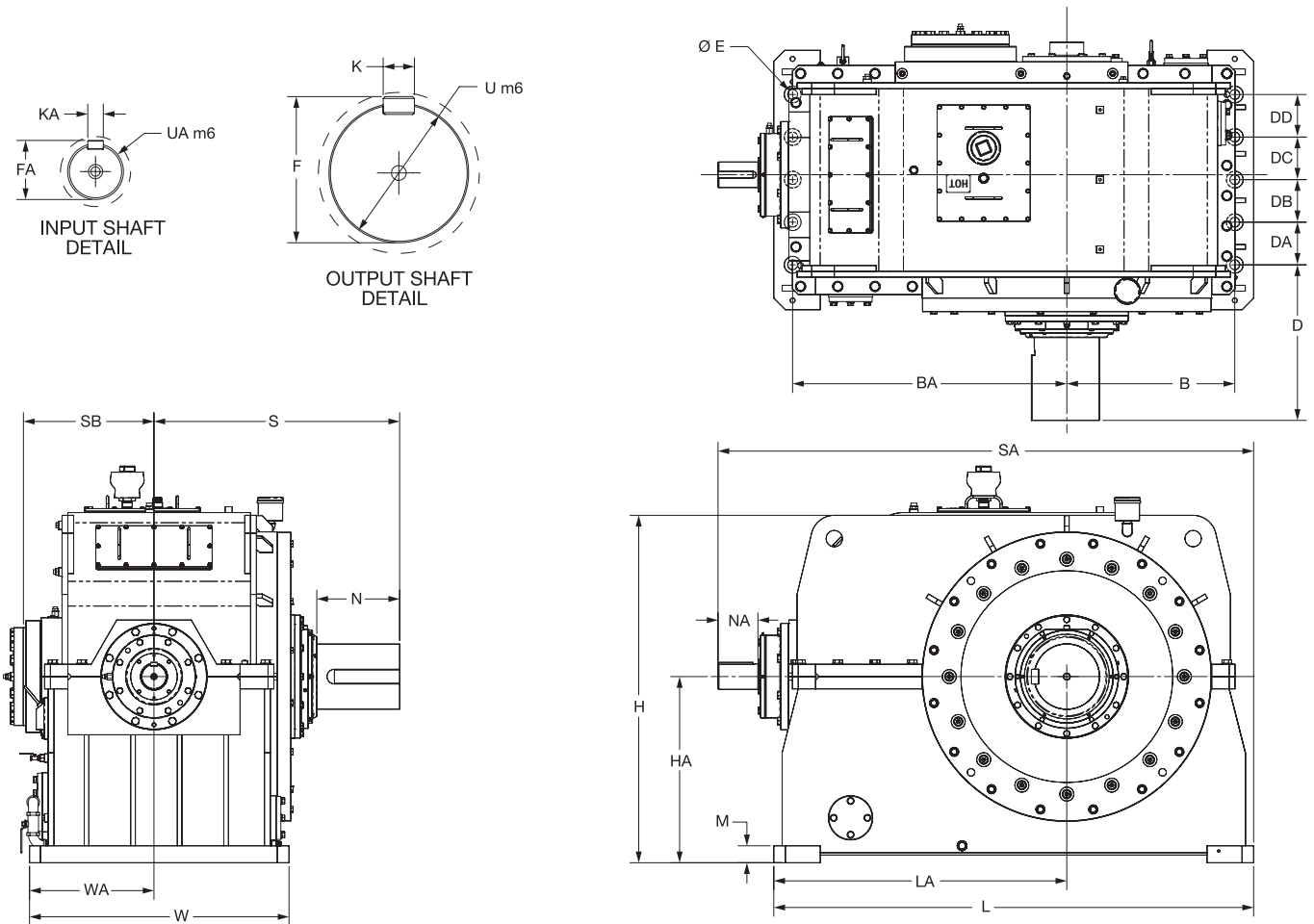


| Reducer | | Units | TU1 | T1 | U1 | U2 | V1 | CS1 | L1 | D1 | D2 | Weight | Units |
|---------|------|--------|--------|--------|--------|-------------------|-------------------|--------|--------|--------|------|--------|-------|
| G525 | mm | 818.9 | 530.10 | 346.2 | 464.31 | 170.031 – 170.071 | 169.992 – 170.012 | 231.14 | 404.88 | 290.07 | 1740 | kg | |
| | inch | 32.24 | 20.87 | 13.63 | 18.28 | 6.6941 – 6.6957 | 6.6926 – 6.6934 | 9.10 | 15.94 | 11.42 | 3836 | lbs | |
| G700 | mm | 925.32 | 612.14 | 414.02 | 519.94 | 190.048 – 190.099 | 190.030 – 190.010 | 260.35 | 430.02 | 322.07 | 2244 | kg | |
| | inch | 36.43 | 24.1 | 16.30 | 20.47 | 7.4822 – 7.4807 | 7.4815 – 7.4807 | 10.25 | 16.93 | 12.68 | 4947 | lbs | |
| G920 | mm | 996.95 | 669.80 | 442.98 | 522.99 | 209.982 – 210.033 | 209.964 – 209.944 | 273.05 | 459.74 | 322.07 | 2376 | kg | |
| | inch | 39.95 | 26.37 | 17.44 | 20.59 | 8.2670 – 8.2690 | 8.2663 – 8.2655 | 10.75 | 18.10 | 12.68 | 5238 | lbs | |

MagnaGear XTR[®] gear reducers

Dimension drawings – right angle

Sizes G1400, G2100 and G3500 – solid output shaft



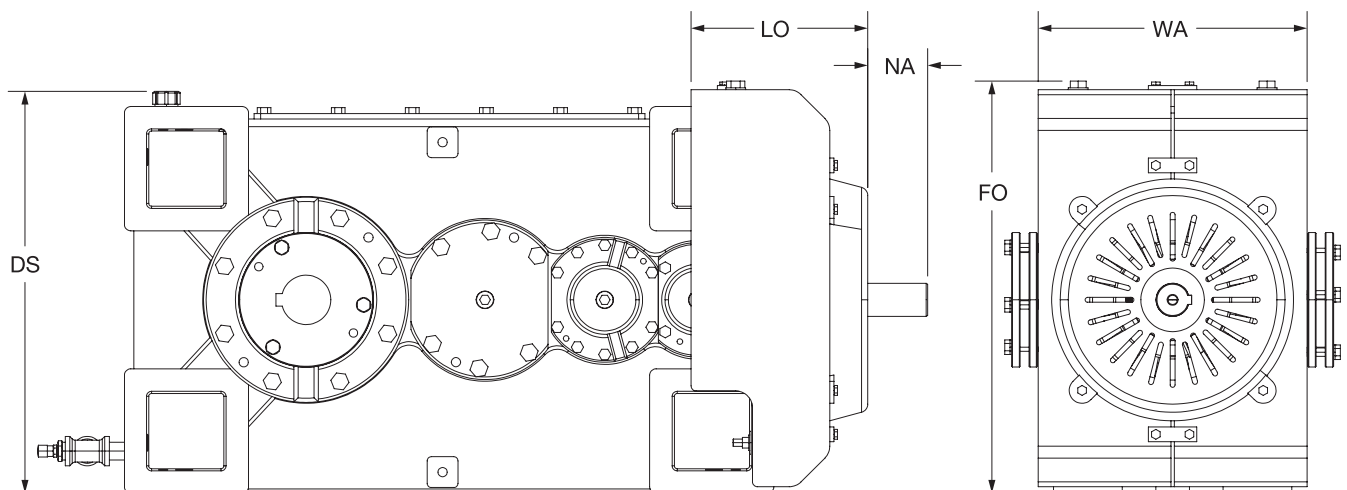
| Reducer | Size | Units | B | BA | D | DA | DB | DC | DD | E | F | FA | H | HA | K | KA | L | LA |
|---------|------|--------|---------|--------|--------|--------|--------|--------|-------|--------|--------|---------|--------|-------|-------|---------|---------|----|
| G1400 | mm | 650.00 | 1065.00 | 596.50 | 200.00 | 200.00 | 200.00 | N/A | 45.00 | 261.80 | 105.80 | 1210.00 | 620.00 | 56.00 | 28.00 | 1805.00 | 1110.00 | |
| | inch | 25.59 | 41.93 | 23.48 | 7.78 | 7.78 | 7.87 | N/A | 1.77 | 10.31 | 4.17 | 47.64 | 24.41 | 2.2 | 1.1 | 71.06 | 43.7 | |
| G2100 | mm | 721.80 | 1178.20 | 668.60 | 183.00 | 183.00 | 183.00 | 183.00 | 42.00 | 292.00 | 116.00 | 1493.00 | 800.00 | 63.00 | 28.00 | 2062.00 | 1259.20 | |
| | inch | 28.42 | 46.39 | 26.32 | 7.2 | 7.2 | 7.2 | 7.2 | 1.65 | 11.5 | 4.57 | 58.78 | 31.5 | 2.48 | 1.1 | 81.18 | 49.57 | |
| G3500 | mm | 853.00 | 1277.00 | 828.80 | 230.00 | 230.00 | 230.00 | 230.00 | 52.00 | 345.00 | 137.00 | 1670.00 | 875.00 | 80.00 | 32.00 | 2260.00 | 1342.00 | |
| | inch | 33.58 | 50.28 | 32.63 | 9.06 | 9.06 | 9.06 | 9.06 | 2.05 | 13.58 | 5.39 | 65.75 | 34.45 | 3.15 | 1.26 | 88.98 | 52.83 | |

| Reducer | Size | Units | M | N | NA | S | SA | SB | U | UA | W | WA | Weight | Units |
|---------|------|-------|--------|--------|---------|---------|--------|-------------------|-------------------|---------|--------|-------|--------|-------|
| G1400 | mm | 50.00 | 316.80 | 179.60 | 946.50 | 2028.50 | 534.03 | 250.0315 ± 0.0145 | 100.0240 ± 0.0110 | 1045.00 | 495.00 | 4827 | kg | |
| | inch | 1.97 | 12.47 | 7.07 | 37.26 | 79.86 | 21.02 | 9.8438 ± 0.0006 | 3.9380 ± 0.0004 | 41.14 | 19.49 | 10642 | lbs | |
| G2100 | mm | 73.00 | 356.00 | 169.90 | 1055.60 | 2301.40 | 616.51 | 280.0360 ± 0.0160 | 110.0240 ± 0.0110 | 1115.00 | 535.00 | 7611 | kg | |
| | inch | 2.87 | 14.01 | 6.69 | 41.56 | 90.61 | 24.27 | 11.0250 ± 0.0006 | 4.3317 ± 0.0004 | 43.90 | 21.06 | 16779 | lbs | |
| G3500 | mm | 60.00 | 486.70 | 177.70 | 1318.80 | 2481.20 | 702.55 | 330.0390 ± 0.0180 | 130.0275 ± 0.0125 | 1360.00 | 493.00 | 11435 | kg | |
| | inch | 2.36 | 19.16 | 6.99 | 51.92 | 97.69 | 27.66 | 12.9937 ± 0.0007 | 5.1192 ± 0.0005 | 53.54 | 19.41 | 25210 | lbs | |

MagnaGear XTR® gear reducers

Dimension drawings – right angle

Sizes G100 through G920 – mechanical shaft fans

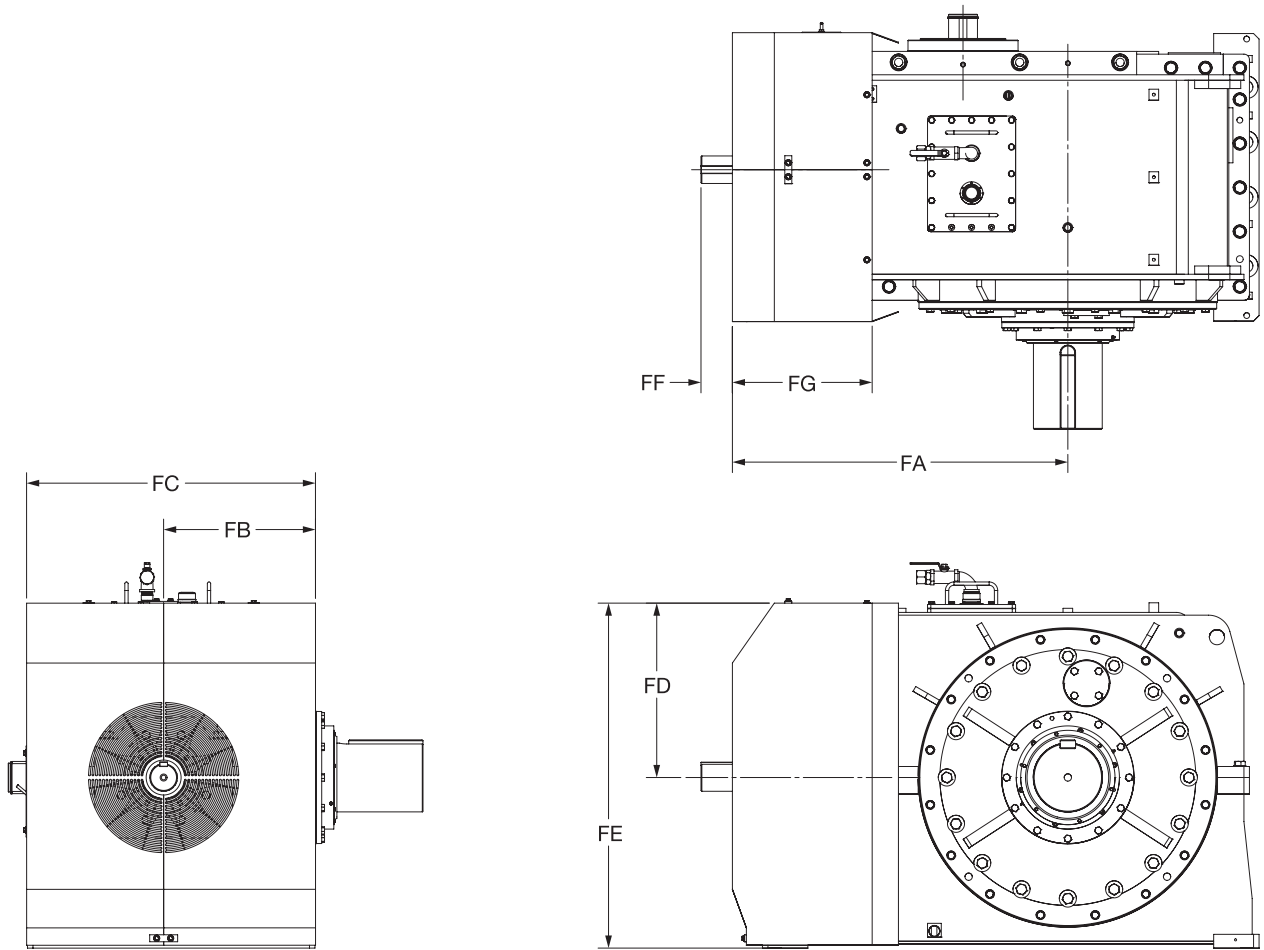


| Reducer | | | | | | | | | |
|---------|-------|--------|--------|--------|--------|--------|--------|-------|--|
| Size | Units | NA | LO | WA | FO | DS | Weight | Units | |
| G100 | mm | 97.00 | 241.30 | 394.21 | 558.80 | 546.10 | 19 | kg | |
| | inch | 3.82 | 9.50 | 15.52 | 22.00 | 21.50 | 41 | lbs | |
| G150 | mm | 90.40 | 267.00 | 406.40 | 622.30 | 690.60 | 20 | kg | |
| | inch | 3.56 | 10.51 | 16.00 | 24.50 | 24.00 | 44 | lbs | |
| G210 | mm | 97.00 | 267.00 | 457.20 | 683.50 | 670.60 | 20 | kg | |
| | inch | 3.82 | 10.51 | 18.00 | 26.91 | 26.40 | 45 | lbs | |
| G285 | mm | 114.81 | 317.50 | 482.60 | 762.00 | 727.96 | 22 | kg | |
| | inch | 4.52 | 12.50 | 19.00 | 30.00 | 28.66 | 49 | lbs | |
| G390 | mm | 124.50 | 317.50 | 537.50 | 792.50 | 781.10 | 23 | kg | |
| | inch | 4.90 | 12.50 | 21.16 | 31.20 | 30.75 | 51 | lbs | |
| G525 | mm | 132.80 | 279.40 | 537.50 | 793.80 | 773.70 | 25 | kg | |
| | inch | 5.23 | 11.00 | 21.16 | 31.25 | 30.46 | 56 | lbs | |
| G600 | mm | 122.80 | 346.20 | 580.40 | 883.90 | 876.30 | 26 | kg | |
| | inch | 4.84 | 13.63 | 22.85 | 34.80 | 34.50 | 57 | lbs | |
| G700 | mm | 154.90 | 442.70 | 654.10 | 850.90 | 842.00 | 30 | kg | |
| | inch | 6.10 | 17.43 | 25.75 | 33.50 | 33.15 | 66 | lbs | |
| G920 | mm | 172.20 | 304.80 | 668.50 | 952.50 | 942.30 | 31 | kg | |
| | inch | 6.78 | 12.00 | 26.32 | 37.50 | 37.10 | 68 | lbs | |

MagnaGear XTR[®] gear reducers

Dimension drawings – right angle

Sizes G1400 and G2100 – mechanical shaft fans

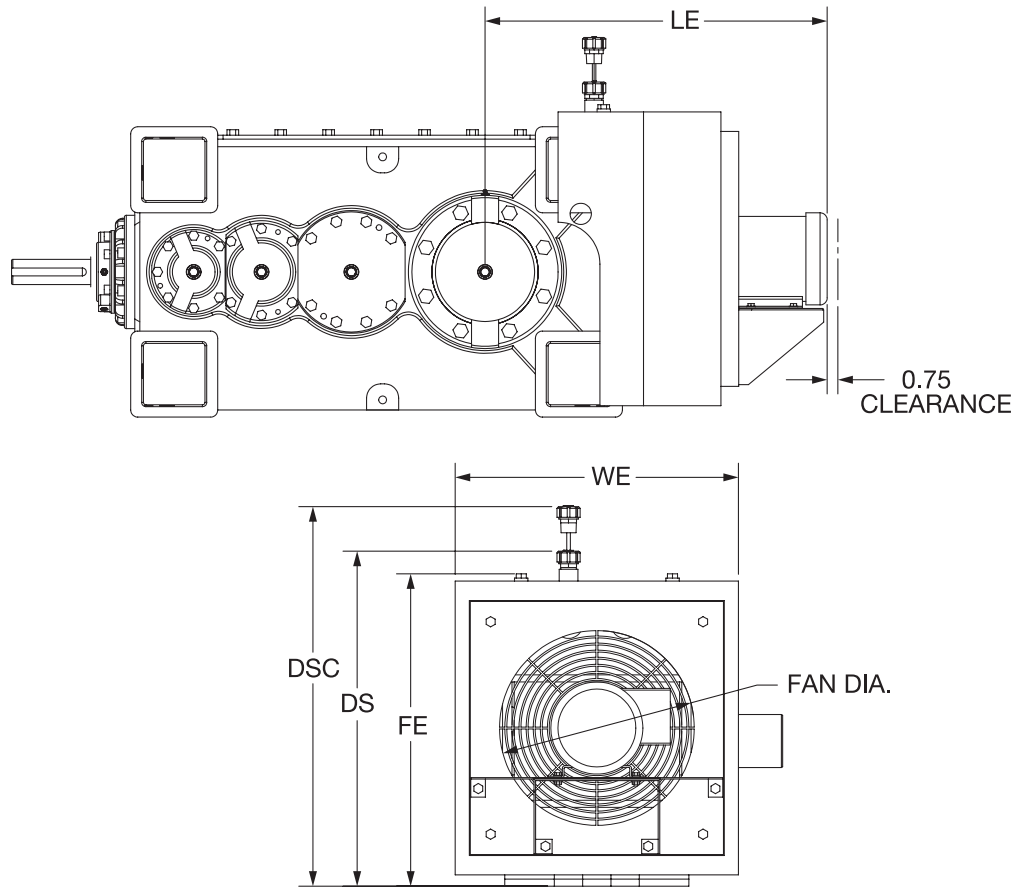


| Reducer | | Units | FA | FB | FC | FD | FE | FF | FG | Weight | Units |
|---------|------|-------|---------|--------|---------|--------|---------|--------|--------|--------|-------|
| 1400 | mm | | 1219.00 | 582.00 | 1050.00 | 634.00 | 1254.00 | 184.00 | 508.00 | 50 | kg |
| | inch | | 48.00 | 21.73 | 41.34 | 24.95 | 49.36 | 7.25 | 20.00 | 110 | lbs |
| 2100 | mm | | 1400.00 | 583.00 | 1122.00 | 732.00 | 1532.00 | 178.00 | 762.00 | 67 | kg |
| | inch | | 55.13 | 22.94 | 44.19 | 28.82 | 60.32 | 7.00 | 30.00 | 148 | lbs |

MagnaGear XTR[®] gear reducers

Dimension drawings – right angle

Sizes G100 through G920 – electric fans

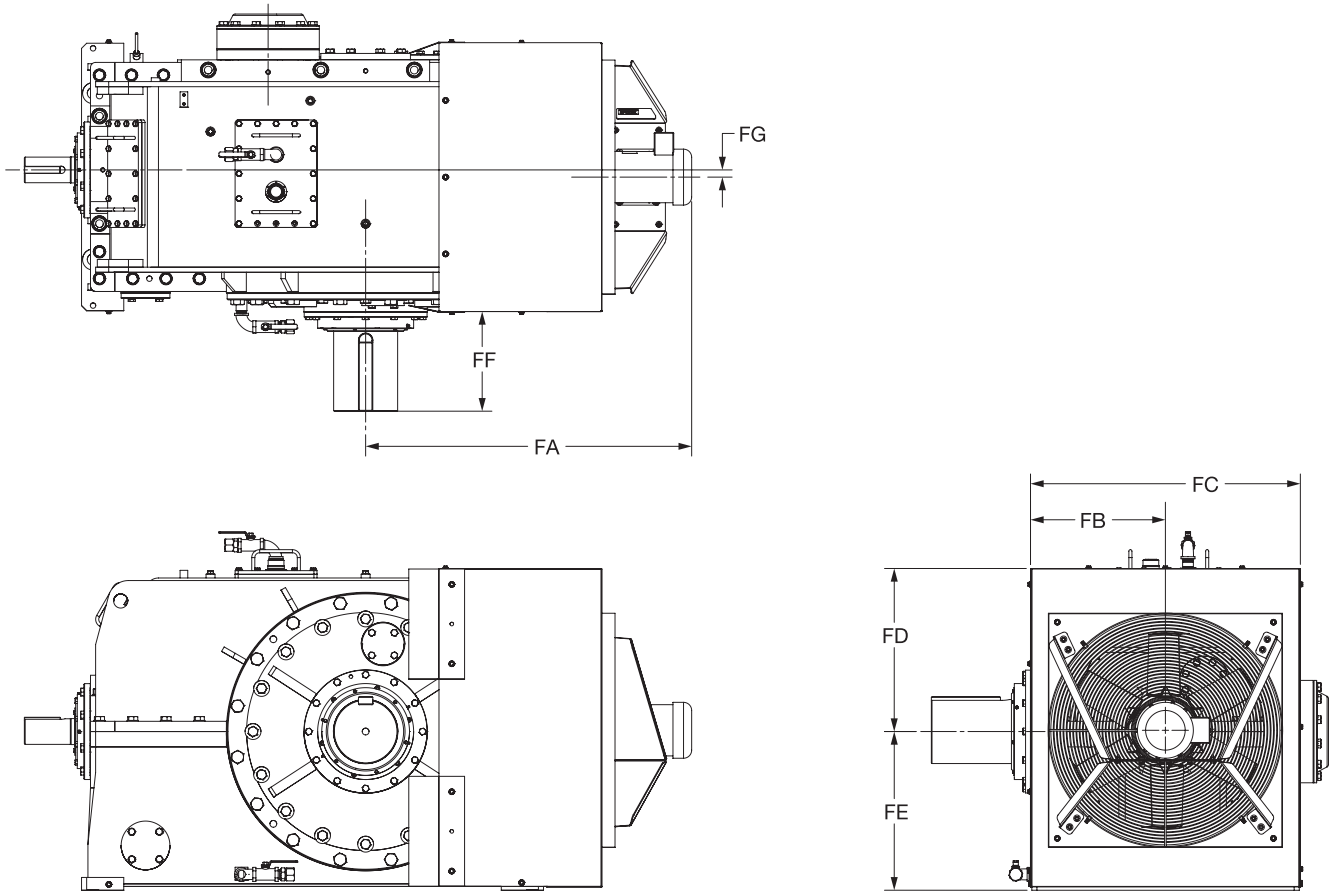


| Reducer Size | Units | Fan diameter | LE | LP | WE | FE | DS | DSC | Weight | Units |
|--------------|-------|--------------|---------|---------|--------|--------|---------|--------|--------|-------|
| G100 | mm | 355.60 | 614.68 | 1003.30 | 508.00 | 558.80 | 596.90 | 457.20 | 23 | kg |
| | inch | 14.00 | 24.20 | 39.50 | 20.00 | 22.00 | 23.50 | 18.00 | 50 | lbs |
| G150 | mm | 406.40 | 644.65 | 1076.96 | 558.80 | 647.70 | 642.62 | 488.95 | 25 | kg |
| | inch | 16.00 | 25.38 | 42.40 | 22.00 | 25.50 | 25.30 | 19.25 | 55 | lbs |
| G210 | mm | 406.40 | 683.26 | 1191.26 | 558.80 | 688.34 | 706.12 | 541.02 | 27 | kg |
| | inch | 16.00 | 26.90 | 46.90 | 22.00 | 27.10 | 27.80 | 21.30 | 60 | lbs |
| G285 | mm | 406.40 | 668.02 | 1211.58 | 558.80 | 762.00 | 782.32 | 558.80 | 29 | kg |
| | inch | 16.00 | 26.30 | 47.70 | 22.00 | 30.00 | 30.80 | 22.00 | 65 | lbs |
| G390 | mm | 457.20 | 609.60 | 1168.40 | 593.85 | 819.15 | 838.20 | 635.00 | 32 | kg |
| | inch | 18.00 | 24.00 | 46.00 | 23.38 | 32.25 | 33.00 | 25.00 | 70 | lbs |
| G525 | mm | 609.60 | 1051.56 | 1184.91 | 838.20 | 845.82 | 774.70 | 558.80 | 51 | kg |
| | inch | 24.00 | 41.40 | 46.65 | 33.00 | 33.30 | 30.50 | 22.00 | 112 | lbs |
| G600 | mm | 508.00 | 749.30 | 1371.60 | 0.00 | 883.92 | 904.24 | 685.80 | 54 | kg |
| | inch | 20.00 | 29.50 | 54.00 | 0.00 | 34.80 | 35.60 | 27.00 | 120 | lbs |
| G700 | mm | 609.60 | 1088.39 | 1254.25 | 838.20 | 850.90 | 906.78 | 711.20 | 54 | kg |
| | inch | 24.00 | 42.85 | 49.38 | 33.00 | 33.50 | 35.70 | 28.00 | 118 | lbs |
| G920 | mm | 609.60 | 1279.65 | 1412.24 | 838.20 | 970.28 | 1003.30 | 685.80 | 59 | kg |
| | inch | 24.00 | 50.38 | 55.60 | 33.00 | 38.20 | 39.50 | 27.00 | 129 | lbs |

MagnaGear XTR[®] gear reducers

Dimension drawings – right angle

Sizes G1400, G2100 and G3500 – electric fans

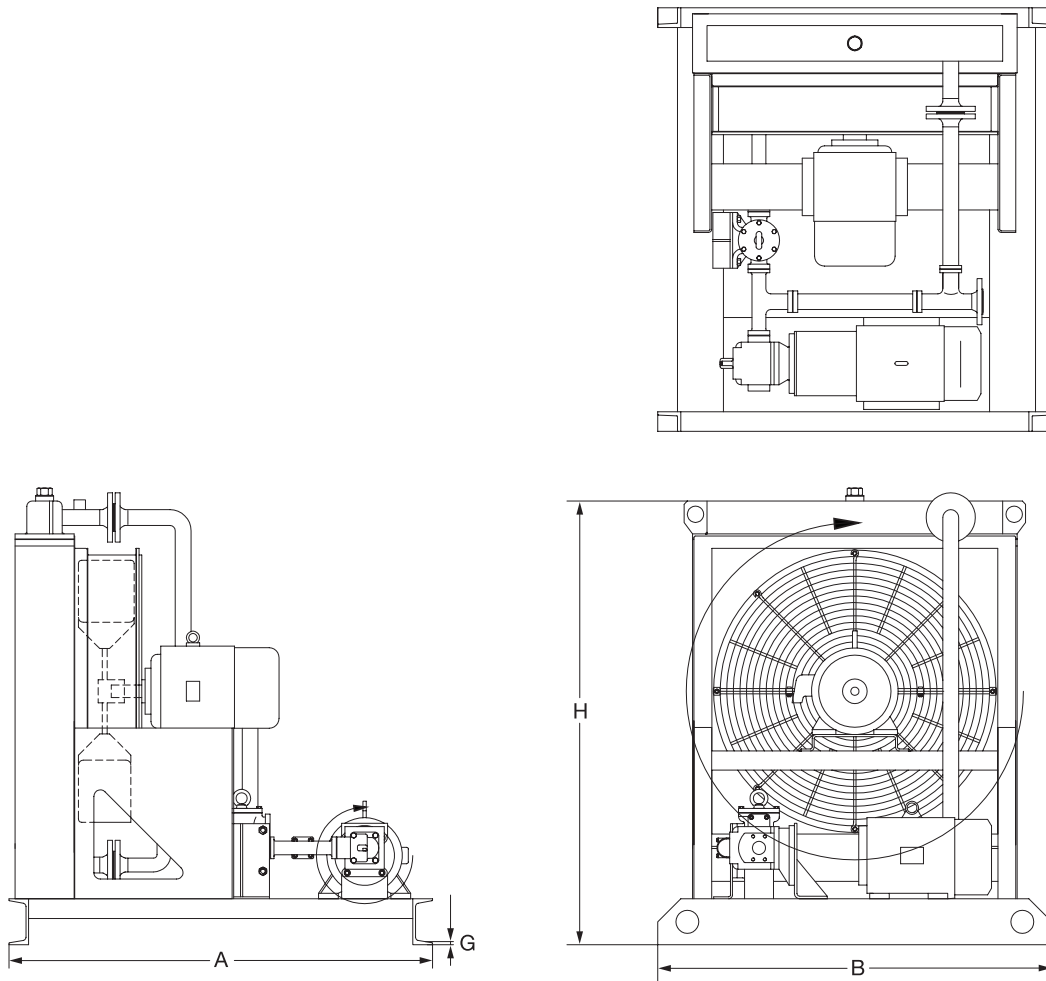


| Reducer Size | Fan | | | | | | | | | | |
|-----------------|-------|----------|---------|--------|---------|--------|--------|--------|-------|--------|-------|
| | Units | diameter | LE | LP | WE | FE | DS | DSC | FG | Weight | Units |
| G1400 | mm | 762.00 | 1273.81 | 557.28 | 1114.30 | 637.03 | 620.01 | 359.41 | 28.19 | 122 | kg |
| | inch | 30.00 | 50.15 | 21.94 | 43.87 | 25.08 | 24.41 | 14.15 | 1.11 | 268 | lbs |
| G2100 | mm | 914.40 | 1752.09 | 561.09 | 1121.92 | 732.03 | 800.10 | 473.46 | 21.01 | 124 | kg |
| | inch | 36.00 | 68.98 | 22.09 | 44.17 | 28.82 | 31.50 | 18.64 | 0.827 | 274 | lbs |
| G3500 | mm | 1066.80 | 1892.55 | 727.20 | 1454.40 | 832.10 | 875.03 | 566.42 | 24.99 | 169 | kg |
| | inch | 42.00 | 74.51 | 28.63 | 57.26 | 32.76 | 34.45 | 22.30 | 0.984 | 372 | lbs |

MagnaGear XTR[®] gear reducers

Dimension drawings – right angle

Sizes G100 through G3500 – heat exchangers

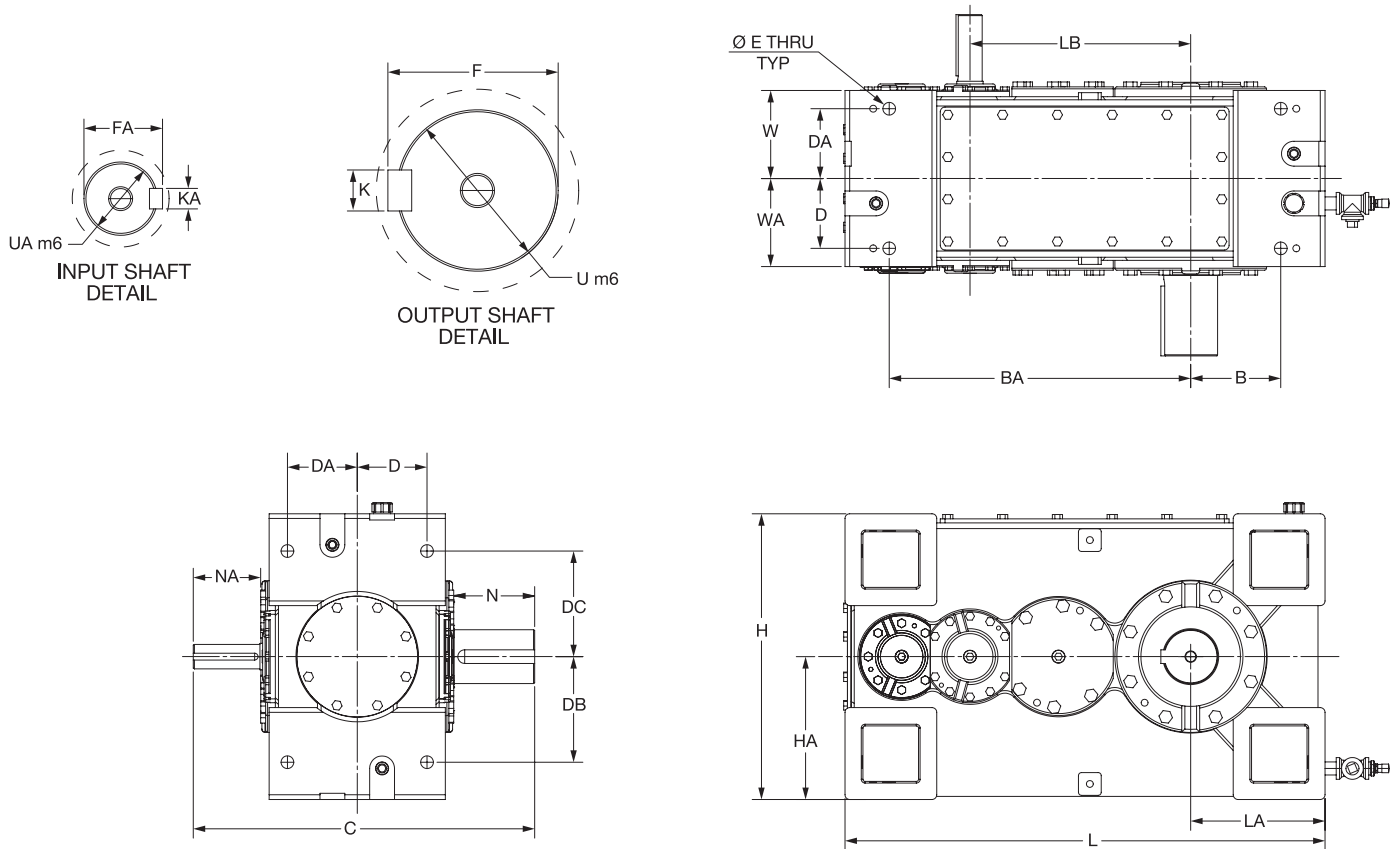


| Cooling System | Units | A | B | H | G | Weight | Units |
|----------------|-------|---------|---------|---------|-------|--------|-------|
| 966236 | mm | 1260.00 | 890.00 | 1024.00 | 13.20 | 240 | kg |
| | inch | 49.61 | 35.04 | 40.31 | 0.52 | 529 | lbs |
| 966237 | mm | 1364.00 | 1020.00 | 1154.00 | 13.20 | 430 | kg |
| | inch | 53.70 | 40.16 | 45.43 | 0.52 | 948 | lbs |
| 966238 | mm | 1290.00 | 1200.00 | 1351.00 | 13.20 | 520 | kg |
| | inch | 50.79 | 47.24 | 53.19 | 0.52 | 1147 | lbs |
| 966239 | mm | 1340.00 | 1360.00 | 1474.00 | 13.20 | 650 | kg |
| | inch | 52.76 | 53.54 | 58.03 | 0.52 | 1433 | lbs |
| 966240 | mm | 1554.00 | 1540.00 | 1632.00 | 13.20 | 830 | kg |
| | inch | 61.18 | 60.63 | 64.25 | 0.52 | 1830 | lbs |
| 966241 | mm | 1710.00 | 1780.00 | 1866.00 | 13.20 | 960 | kg |
| | inch | 67.32 | 70.08 | 73.46 | 0.52 | 2117 | lbs |

MagnaGear XTR[®] gear reducers

Dimension drawings – parallel

Sizes G100, G150, G210, G285, G390 and G600 – two stage – solid output shaft



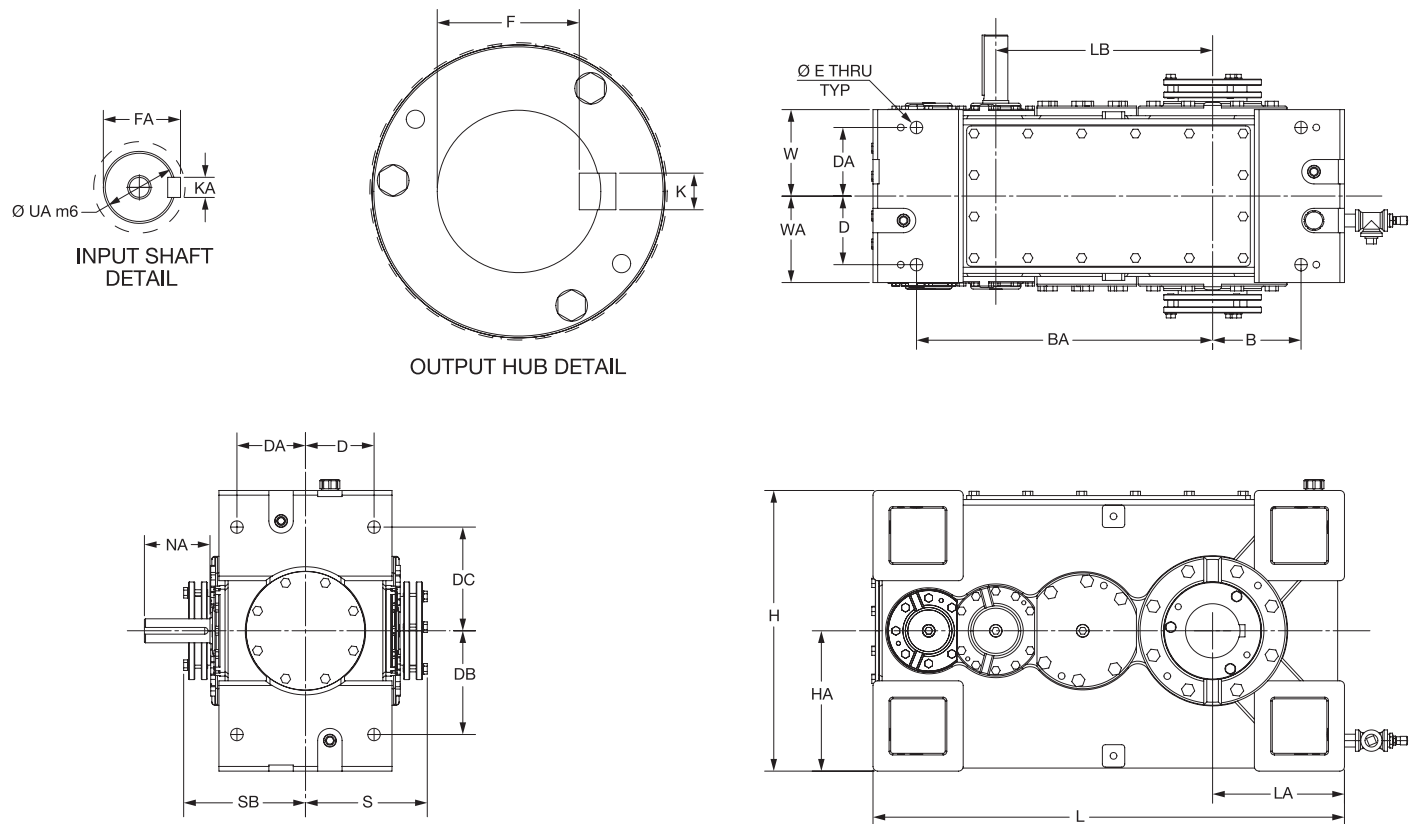
| Reducer | Size | Units | B | BA | D | DA | DB | DC | E | F | FA | H | HA | K | KA |
|---------|------|--------|--------|--------|--------|--------|--------|-------|--------|-------|--------|--------|-------|-------|----|
| G100 | mm | 174.75 | 569.85 | 136.65 | 136.65 | 177.80 | 177.80 | 26.00 | 98.95 | 48.37 | 520.70 | 260.35 | 25.00 | 14.00 | |
| | inch | 6.88 | 22.40 | 5.38 | 5.38 | 7.00 | 7.00 | 1.02 | 3.90 | 1.90 | 20.50 | 10.25 | 0.98 | 0.55 | |
| G150 | mm | 184.15 | 616.46 | 142.75 | 142.75 | 215.90 | 215.90 | 26.00 | 116.00 | 53.50 | 584.20 | 292.10 | 28.00 | 14.00 | |
| | inch | 7.25 | 24.27 | 5.62 | 5.62 | 8.50 | 8.50 | 1.02 | 4.57 | 1.97 | 23.00 | 11.50 | 1.10 | 0.55 | |
| G210 | mm | 203.20 | 711.20 | 146.05 | 146.05 | 234.95 | 234.95 | 26.00 | 127.00 | 59.00 | 647.70 | 323.85 | 32.00 | 16.00 | |
| | inch | 8.00 | 28.00 | 5.75 | 5.75 | 9.25 | 9.25 | 1.02 | 5.00 | 2.32 | 25.50 | 12.75 | 1.26 | 0.63 | |
| G285 | mm | 219.20 | 763.52 | 165.10 | 165.10 | 254.00 | 254.00 | 33.00 | 136.90 | 65.13 | 705.10 | 352.55 | 32.00 | 18.00 | |
| | inch | 8.63 | 30.06 | 6.50 | 6.50 | 10.00 | 10.00 | 1.30 | 5.39 | 2.56 | 27.76 | 13.88 | 1.26 | 0.71 | |
| G390 | mm | 248.92 | 809.75 | 190.50 | 190.50 | 268.22 | 268.22 | 33.00 | 152.80 | 74.30 | 755.90 | 377.95 | 36.00 | 20.00 | |
| | inch | 9.80 | 31.88 | 7.50 | 7.50 | 10.56 | 10.56 | 1.30 | 6.02 | 2.93 | 29.76 | 14.88 | 1.42 | 0.79 | |
| G600 | mm | 300.13 | 919.07 | 219.08 | 219.08 | 292.10 | 292.10 | 39.00 | 190.00 | 84.95 | 849.38 | 424.69 | 45.00 | 22.00 | |
| | inch | 11.82 | 36.18 | 8.63 | 8.63 | 11.50 | 11.50 | 1.54 | 7.48 | 3.34 | 33.44 | 16.72 | 1.77 | 0.87 | |

| Reducer | Size | Units | L | LA | LB | N | NA | U | UA | W | WA | Weight | Units |
|---------|------|---------|--------|--------|--------|--------|-----------------|-----------------|--------|--------|------|--------|-------|
| G100 | mm | 881.76 | 246.38 | 401.70 | 152.40 | 141.81 | 95 m6 | 45 m6 | 165.00 | 165.00 | 516 | kg | |
| | inch | 34.72 | 9.70 | 15.82 | 6.00 | 5.58 | 3.7402 ± 0.0005 | 1.7720 ± 0.0005 | 6.50 | 6.50 | 1138 | lbs | |
| G150 | mm | 981.46 | 274.57 | 451.36 | 164.58 | 137.54 | 110 m6 | 50 m6 | 180.09 | 180.09 | 734 | kg | |
| | inch | 38.64 | 10.81 | 17.77 | 6.48 | 5.42 | 4.3307 ± 0.0005 | 1.9685 ± 0.0004 | 7.09 | 7.09 | 1619 | lbs | |
| G210 | mm | 1130.30 | 312.67 | 515.87 | 177.80 | 150.87 | 120 m6 | 55 m6 | 190.50 | 190.50 | 968 | kg | |
| | inch | 44.50 | 12.31 | 20.31 | 7.00 | 5.94 | 4.7244 ± 0.0005 | 2.1662 ± 0.0004 | 7.50 | 7.50 | 2134 | lbs | |
| G285 | mm | 1209.80 | 332.74 | 563.88 | 187.45 | 166.37 | 130 m6 | 60 m6 | 203.20 | 203.20 | 1079 | kg | |
| | inch | 47.63 | 13.10 | 22.20 | 7.38 | 6.55 | 5.1192 ± 0.0005 | 2.3630 ± 0.0004 | 8.00 | 8.00 | 2379 | lbs | |
| G390 | mm | 1280.67 | 359.92 | 601.98 | 204.98 | 174.17 | 145 m6 | 70 m6 | 228.60 | 228.60 | 1458 | kg | |
| | inch | 50.42 | 14.17 | 23.70 | 8.07 | 6.86 | 5.7097 ± 0.0005 | 2.7567 ± 0.0004 | 9.00 | 9.00 | 3215 | lbs | |
| G600 | mm | 919.07 | 428.15 | 698.50 | 304.80 | 188.72 | 180 m6 | 80 m6 | 266.21 | 266.21 | 2429 | kg | |
| | inch | 36.18 | 16.86 | 27.50 | 12.00 | 7.43 | 7.0866 ± 0.0005 | 3.1500 ± 0.0004 | 10.48 | 10.48 | 5355 | lbs | |

MagnaGear XTR® gear reducers

Dimension drawings – parallel

Sizes G100, G150, G210, G285, G390 and G600 – two stage – hollow output shaft



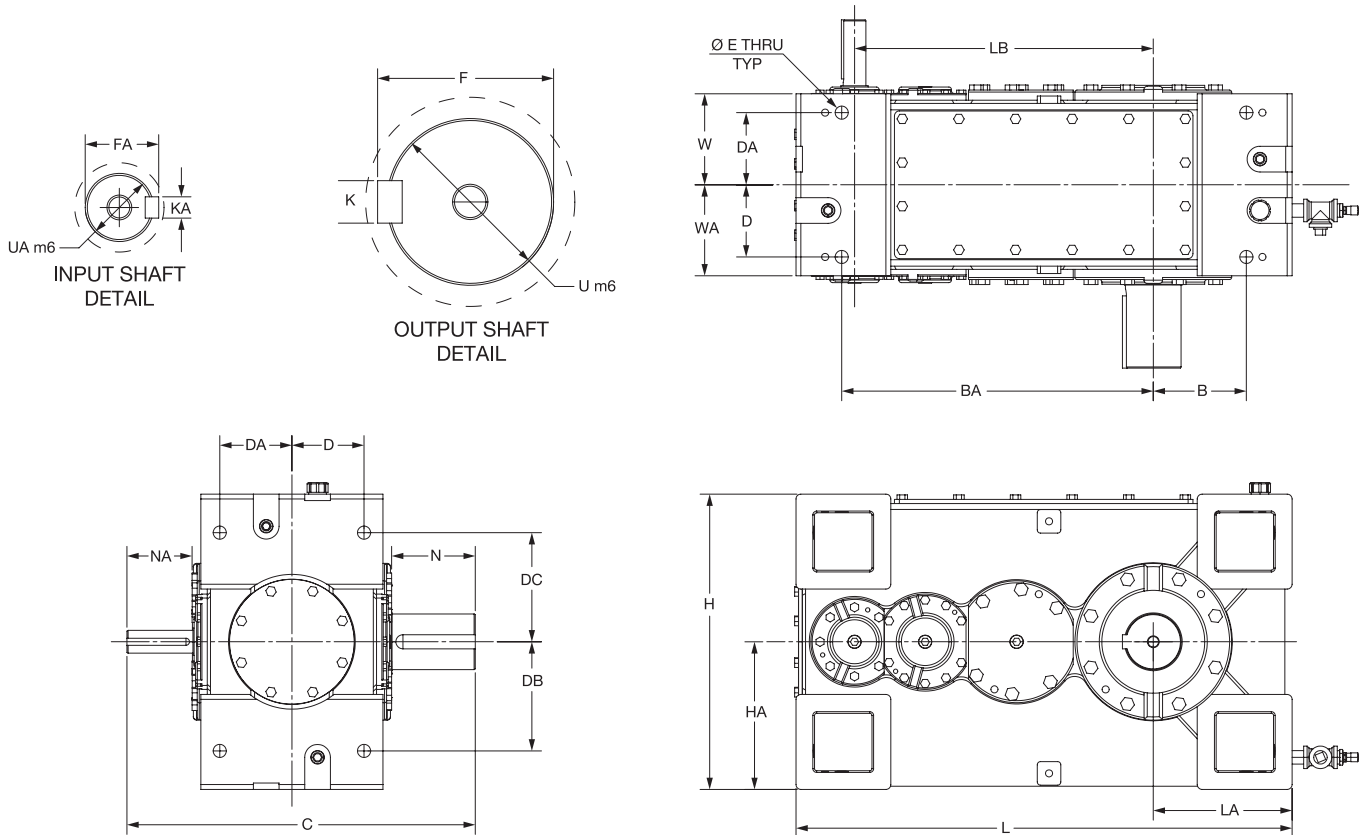
| Reducer | Size | Units | B | BA | D | DA | DB | DC | E | F | FA | H | HA | K | KA |
|---------|------|--------|--------|--------|--------|--------|--------|-------|-------------|-------|--------|--------|-------------|-------|----|
| G100 | mm | 174.75 | 569.85 | 136.65 | 136.65 | 177.80 | 177.80 | 26.00 | See page 33 | 48.37 | 520.70 | 260.35 | See page 33 | 14.00 | |
| | inch | 6.88 | 22.40 | 5.38 | 5.38 | 7.00 | 7.00 | 1.02 | See page 33 | 1.90 | 20.50 | 10.25 | See page 33 | 0.55 | |
| G150 | mm | 184.15 | 616.46 | 142.75 | 142.75 | 215.90 | 215.90 | 26.00 | See page 35 | 53.50 | 584.20 | 292.10 | See page 35 | 14.00 | |
| | inch | 7.25 | 24.27 | 5.62 | 5.62 | 8.50 | 8.50 | 1.02 | See page 35 | 1.97 | 23.00 | 11.50 | See page 35 | 0.55 | |
| G210 | mm | 203.20 | 711.20 | 146.05 | 146.05 | 234.95 | 234.95 | 26.00 | See page 37 | 59.00 | 647.70 | 323.85 | See page 37 | 16.00 | |
| | inch | 8.00 | 28.00 | 5.75 | 5.75 | 9.25 | 9.25 | 1.02 | See page 37 | 2.32 | 25.50 | 12.75 | See page 37 | 0.63 | |
| G285 | mm | 219.20 | 763.52 | 165.10 | 165.10 | 254.00 | 254.00 | 33.00 | See page 39 | 65.13 | 705.10 | 352.55 | See page 39 | 18.00 | |
| | inch | 8.63 | 30.06 | 6.50 | 6.50 | 10.00 | 10.00 | 1.30 | See page 39 | 2.56 | 27.76 | 13.88 | See page 39 | 0.71 | |
| G390 | mm | 248.92 | 809.75 | 190.50 | 190.50 | 268.22 | 268.22 | 33.00 | See page 41 | 74.30 | 755.90 | 377.95 | See page 41 | 20.00 | |
| | inch | 9.80 | 31.88 | 7.50 | 7.50 | 10.56 | 10.56 | 1.30 | See page 41 | 2.93 | 29.76 | 14.88 | See page 41 | 0.79 | |
| G600 | mm | 300.13 | 919.07 | 219.08 | 219.08 | 292.10 | 292.10 | 39.00 | See page 45 | 84.95 | 849.38 | 424.69 | See page 45 | 22.00 | |
| | inch | 11.82 | 36.18 | 8.63 | 8.63 | 11.50 | 11.50 | 1.54 | See page 45 | 3.34 | 33.44 | 16.72 | See page 45 | 0.87 | |

| Reducer | Size | Units | L | LA | LB | NA | UA | W | S | SB | WA | Weight | Units |
|---------|------|---------|--------|--------|--------|-----------------|--------|--------|--------|--------|------|--------|-------|
| G100 | mm | 881.76 | 246.38 | 401.70 | 97.02 | 45 m6 | 165.00 | 231.52 | 231.52 | 165.00 | 500 | kg | |
| | inch | 34.72 | 9.7 | 15.82 | 3.82 | 1.7720 ± 0.0005 | 6.50 | 9.12 | 9.12 | 6.50 | 1103 | lbs | |
| G150 | mm | 981.46 | 274.57 | 451.36 | 136.47 | 50 m6 | 180.09 | 253.59 | 253.59 | 180.09 | 706 | kg | |
| | inch | 38.64 | 10.81 | 17.77 | 5.37 | 1.9685 ± 0.0004 | 7.09 | 9.98 | 9.98 | 7.09 | 1556 | lbs | |
| G210 | mm | 1130.30 | 312.67 | 515.87 | 150.16 | 55 m6 | 190.50 | 276.35 | 276.35 | 190.50 | 933 | kg | |
| | inch | 44.5 | 12.31 | 20.31 | 5.91 | 2.1662 ± 0.004 | 7.50 | 10.88 | 10.88 | 7.50 | 2057 | lbs | |
| G285 | mm | 1209.80 | 332.74 | 563.88 | 166.37 | 60 m6 | 203.20 | 291.29 | 291.29 | 203.20 | 1023 | kg | |
| | inch | 47.63 | 13.1 | 22.2 | 6.55 | 2.3630 ± 0.004 | 8.00 | 11.47 | 11.47 | 8.00 | 2256 | lbs | |
| G390 | mm | 1280.67 | 359.92 | 601.98 | 139.45 | 70 m6 | 228.60 | 315.93 | 315.93 | 228.60 | 1386 | kg | |
| | inch | 50.42 | 14.17 | 23.7 | 5.49 | 2.7567 ± 0.004 | 9.00 | 12.44 | 12.44 | 9.00 | 3056 | lbs | |
| G600 | mm | 919.07 | 428.15 | 698.50 | 182.55 | 80 m6 | 266.21 | 365.64 | 365.64 | 266.21 | 2311 | kg | |
| | inch | 58.08 | 16.86 | 27.5 | 7.19 | 3.1500 ± 0.004 | 10.48 | 14.40 | 14.40 | 10.48 | 5095 | lbs | |

MagnaGear XTR[®] gear reducers

Dimension drawings – parallel

Sizes G100, G150, G210, G285, G390 and G600 – three stage – solid output shaft



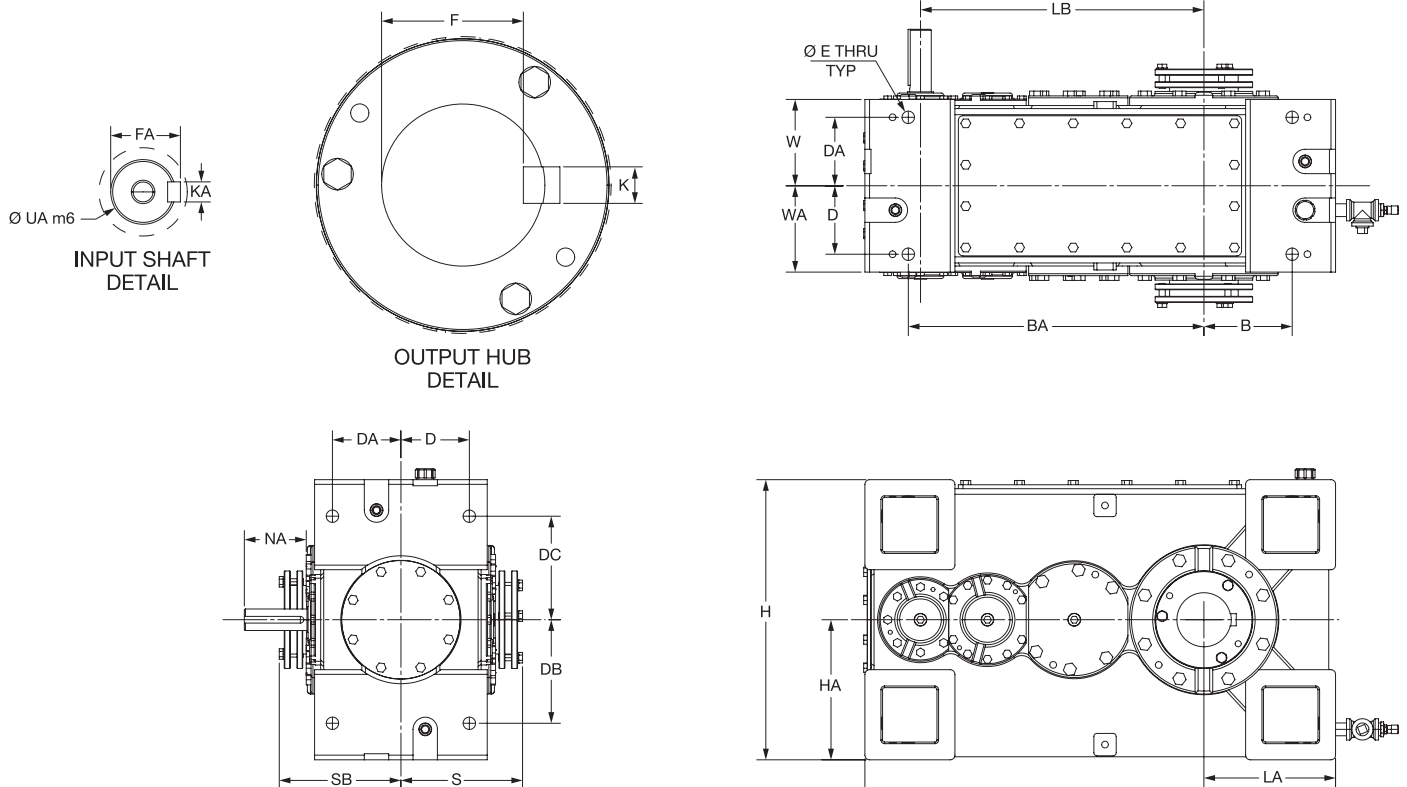
| Reducer | Size | Units | B | BA | D | DA | DB | DC | E | F | FA | H | HA | K | KA |
|---------|------|--------|--------|--------|--------|--------|--------|-------|--------|-------|--------|--------|-------|-------|----|
| G100 | mm | 174.75 | 569.85 | 136.65 | 136.65 | 177.80 | 177.80 | 26.00 | 98.95 | 37.87 | 520.70 | 260.35 | 25.00 | 10.00 | |
| | inch | 6.88 | 22.40 | 5.38 | 5.38 | 7.00 | 7.00 | 1.02 | 3.90 | 1.49 | 20.50 | 10.25 | 0.98 | 0.39 | |
| G150 | mm | 184.15 | 616.46 | 142.75 | 142.75 | 215.90 | 215.90 | 26.00 | 116.00 | 48.50 | 584.20 | 292.10 | 28.00 | 14.00 | |
| | inch | 7.25 | 24.27 | 5.62 | 5.62 | 8.50 | 8.50 | 1.02 | 4.57 | 1.91 | 23.00 | 11.50 | 1.10 | 0.55 | |
| G210 | mm | 203.20 | 711.20 | 146.05 | 146.05 | 234.95 | 234.95 | 26.00 | 127.00 | 48.40 | 647.70 | 323.85 | 32.00 | 14.00 | |
| | inch | 8.00 | 28.00 | 5.75 | 5.75 | 9.25 | 9.25 | 1.02 | 5.00 | 1.90 | 25.50 | 12.75 | 1.26 | 0.55 | |
| G285 | mm | 219.20 | 763.52 | 165.10 | 165.10 | 254.00 | 254.00 | 33.00 | 136.90 | 53.37 | 705.10 | 352.55 | 32.00 | 14.00 | |
| | inch | 8.63 | 30.06 | 6.50 | 6.50 | 10.00 | 10.00 | 1.30 | 5.39 | 2.10 | 27.76 | 13.88 | 1.26 | 0.55 | |
| G390 | mm | 248.92 | 809.75 | 190.50 | 190.50 | 268.22 | 268.22 | 33.00 | 152.80 | 53.37 | 755.90 | 377.95 | 36.00 | 14.00 | |
| | inch | 9.80 | 31.88 | 7.50 | 7.50 | 10.56 | 10.56 | 1.30 | 6.02 | 2.10 | 29.76 | 14.88 | 1.42 | 0.55 | |
| G600 | mm | 300.13 | 919.07 | 219.08 | 219.08 | 292.10 | 292.10 | 39.00 | 190.00 | 73.16 | 849.38 | 424.69 | 45.00 | 19.97 | |
| | inch | 11.82 | 36.18 | 8.63 | 8.63 | 11.50 | 11.50 | 1.54 | 7.48 | 2.88 | 33.44 | 16.72 | 1.77 | 0.79 | |

| Reducer | Size | Units | L | LA | LB | N | NA | U | UA | W | WA | Weight | Units |
|---------|------|---------|--------|--------|--------|--------|-----------------|-----------------|--------|--------|------|--------|-------|
| G100 | mm | 881.76 | 246.38 | 522.35 | 152.40 | 141.81 | 95 m6 | 35 m6 | 165.00 | 165.00 | 528 | kg | |
| | inch | 34.72 | 9.70 | 20.57 | 6.00 | 5.58 | 3.7402 ± 0.0005 | 1.3784 ± 0.0003 | 6.50 | 6.50 | 1163 | lbs | |
| G150 | mm | 981.46 | 274.57 | 981.46 | 164.58 | 137.54 | 110 m6 | 45 m6 | 180.09 | 180.09 | 751 | kg | |
| | inch | 38.64 | 10.81 | 38.64 | 6.48 | 5.42 | 4.3307 ± 0.0005 | 1.7715 ± 0.0004 | 7.09 | 7.09 | 1655 | lbs | |
| G210 | mm | 1130.30 | 312.67 | 676.15 | 177.80 | 150.87 | 120 m6 | 45 m6 | 190.50 | 190.50 | 992 | kg | |
| | inch | 44.50 | 12.31 | 26.62 | 7.00 | 5.94 | 4.7244 ± 0.0005 | 1.7721 ± 0.0004 | 7.50 | 7.50 | 2187 | lbs | |
| G285 | mm | 1209.80 | 332.74 | 741.68 | 187.45 | 166.37 | 130 m6 | 50 m6 | 203.20 | 203.20 | 1111 | kg | |
| | inch | 47.63 | 13.10 | 29.20 | 7.38 | 6.55 | 5.1192 ± 0.0005 | 1.9689 ± 0.0004 | 8.00 | 8.00 | 2450 | lbs | |
| G390 | mm | 1280.67 | 359.92 | 778.16 | 204.98 | 174.17 | 145 m6 | 50 m6 | 228.60 | 228.60 | 1499 | kg | |
| | inch | 50.42 | 14.17 | 31.03 | 8.07 | 6.86 | 5.7097 ± 0.0005 | 1.9689 ± 0.0004 | 9.00 | 9.00 | 3304 | lbs | |
| G600 | mm | 919.07 | 428.15 | 911.23 | 304.80 | 188.72 | 180 m6 | 70 m6 | 266.21 | 266.21 | 2506 | kg | |
| | inch | 58.08 | 16.86 | 35.88 | 12.00 | 7.43 | 7.0866 ± 0.0005 | 2.7559 ± 0.0005 | 10.48 | 10.48 | 5525 | lbs | |

MagnaGear XTR® gear reducers

Dimension drawings – parallel

Sizes G100, G150, G210, G285, G390 and G600 – three stage – hollow output shaft



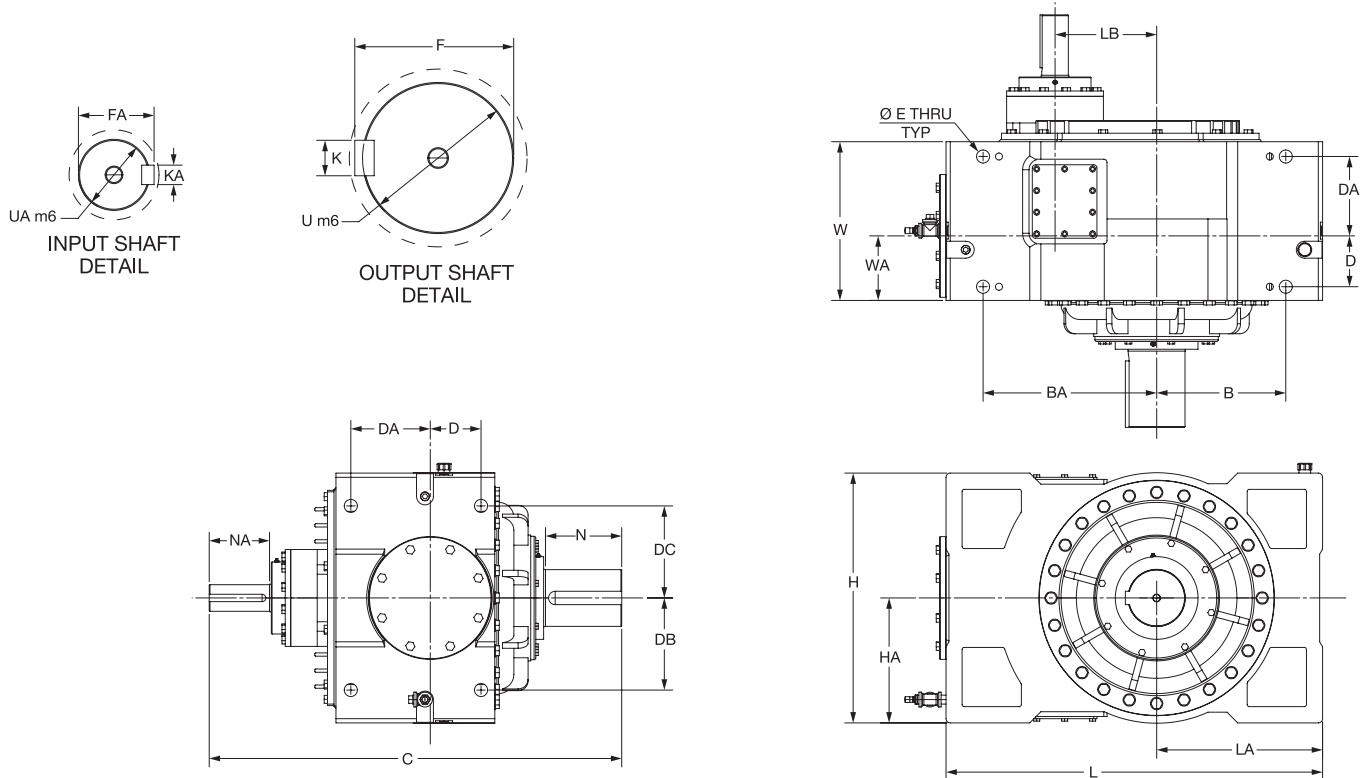
| Reducer | | B | BA | D | DA | DB | DC | E | F | FA | H | HA | K | KA |
|---------|------|--------|--------|--------|--------|--------|--------|-------|-------------|-------|--------|--------|-------------|-------|
| G100 | mm | 174.75 | 569.85 | 136.65 | 136.65 | 177.80 | 177.80 | 26.00 | See page 33 | 37.87 | 520.70 | 260.35 | See page 33 | 10.00 |
| | inch | 6.88 | 22.40 | 5.38 | 5.38 | 7.00 | 7.00 | 1.02 | See page 33 | 1.49 | 20.50 | 10.25 | See page 33 | 0.39 |
| G150 | mm | 184.15 | 616.46 | 142.75 | 142.75 | 215.90 | 215.90 | 26.00 | See page 35 | 48.50 | 584.20 | 292.10 | See page 35 | 14.00 |
| | inch | 7.25 | 24.27 | 5.62 | 5.62 | 8.50 | 8.50 | 1.02 | See page 35 | 1.91 | 23.00 | 11.50 | See page 35 | 0.55 |
| G210 | mm | 203.20 | 711.20 | 146.05 | 146.05 | 234.95 | 234.95 | 26.00 | See page 37 | 48.40 | 647.70 | 323.85 | See page 37 | 14.00 |
| | inch | 8.00 | 28.00 | 5.75 | 5.75 | 9.25 | 9.25 | 1.02 | See page 37 | 1.90 | 25.50 | 12.75 | See page 37 | 0.55 |
| G285 | mm | 219.20 | 763.52 | 165.10 | 165.10 | 254.00 | 254.00 | 33.00 | See page 39 | 53.37 | 705.10 | 352.55 | See page 39 | 14.00 |
| | inch | 8.63 | 30.06 | 6.50 | 6.50 | 10.00 | 10.00 | 1.30 | See page 39 | 2.10 | 27.76 | 13.88 | See page 39 | 0.55 |
| G390 | mm | 248.92 | 809.75 | 190.50 | 190.50 | 268.22 | 268.22 | 33.00 | See page 41 | 53.37 | 755.90 | 377.95 | See page 41 | 14.00 |
| | inch | 9.80 | 31.88 | 7.50 | 7.50 | 10.56 | 10.56 | 1.30 | See page 41 | 2.10 | 29.76 | 14.88 | See page 41 | 0.55 |
| G600 | mm | 300.13 | 919.07 | 219.08 | 219.08 | 292.10 | 292.10 | 39.00 | See page 45 | 73.16 | 849.38 | 424.69 | See page 45 | 19.97 |
| | inch | 11.82 | 36.18 | 8.63 | 8.63 | 11.50 | 11.50 | 1.54 | See page 45 | 2.88 | 33.44 | 16.72 | See page 45 | 0.79 |

| Reducer | | L | LA | LB | NA | UA | W | S | SB | WA | Weight | Units |
|---------|------|---------|--------|--------|--------|-----------------|--------|--------|--------|--------|--------|-------|
| G100 | mm | 881.76 | 246.38 | 522.35 | 82.40 | 35 m6 | 165.00 | 231.52 | 231.52 | 165.00 | 511 | kg |
| | inch | 34.72 | 9.70 | 20.57 | 3.24 | 1.3784 ± 0.0003 | 6.50 | 9.12 | 9.12 | 6.50 | 1127 | lbs |
| G150 | mm | 981.46 | 274.57 | 591.06 | 130.66 | 45 m6 | 180.09 | 253.59 | 253.59 | 180.09 | 723 | kg |
| | inch | 38.64 | 10.81 | 23.27 | 5.14 | 1.7715 ± 0.0004 | 7.09 | 9.98 | 9.98 | 7.09 | 1593 | lbs |
| G210 | mm | 1130.30 | 312.67 | 676.15 | 130.57 | 45 m6 | 190.50 | 276.35 | 276.35 | 190.50 | 958 | kg |
| | inch | 44.50 | 12.31 | 26.62 | 5.14 | 1.7721 ± 0.0004 | 7.50 | 10.88 | 10.88 | 7.50 | 2111 | lbs |
| G285 | mm | 1209.80 | 332.74 | 741.68 | 137.41 | 50 m6 | 203.20 | 291.29 | 291.29 | 203.20 | 1052 | kg |
| | inch | 47.63 | 13.10 | 29.20 | 5.41 | 1.9689 ± 0.0004 | 8.00 | 11.47 | 11.47 | 8.00 | 2319 | lbs |
| G390 | mm | 1280.67 | 359.92 | 788.16 | 117.49 | 50 m6 | 228.60 | 317.04 | 317.04 | 228.60 | 1427 | kg |
| | inch | 50.42 | 14.17 | 31.03 | 4.63 | 1.9689 ± 0.0004 | 9.00 | 12.48 | 12.48 | 9.00 | 3145 | lbs |
| G600 | mm | 919.07 | 428.15 | 911.23 | 165.10 | 70 m6 | 266.21 | 365.62 | 365.62 | 266.21 | 2370 | kg |
| | inch | 58.08 | 16.86 | 35.88 | 6.50 | 2.7559 ± 0.0005 | 10.48 | 14.39 | 14.39 | 10.48 | 5225 | lbs |

MagnaGear XTR[®] gear reducers

Dimension drawings – parallel

Sizes G525, G700 and G920 – two stage – solid output shaft



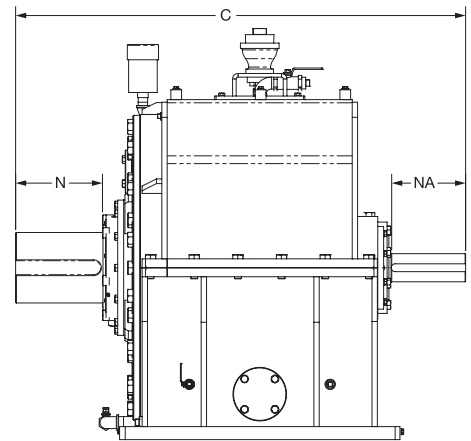
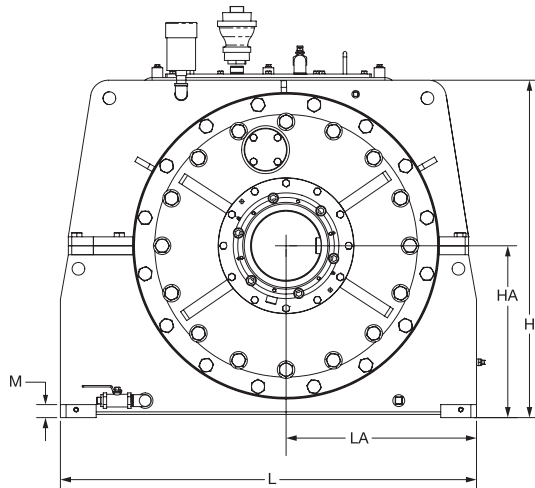
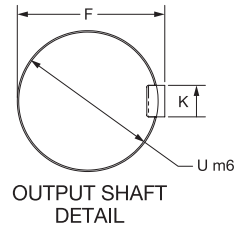
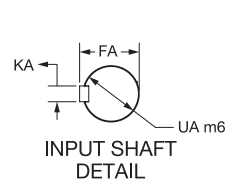
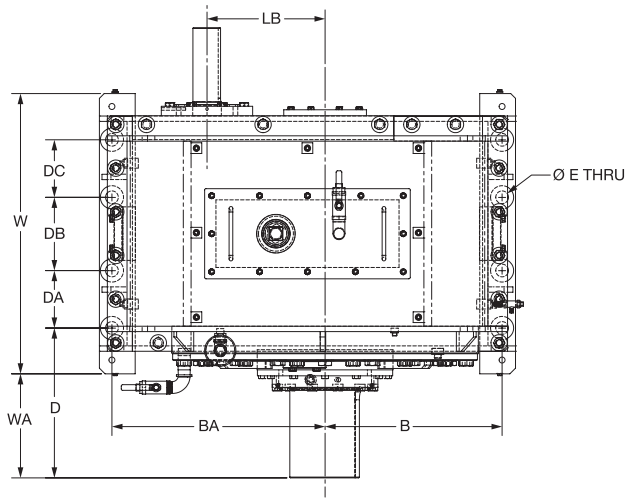
| Reducer | Size | Units | B | BA | D | DA | DB | DC | E | F | FA | H | HA | K | KA |
|---------|------|-------|--------|--------|--------|--------|--------|--------|-------|--------|-------|--------|--------|-------|-------|
| G525 | mm | | 387.50 | 520.70 | 152.40 | 238.25 | 276.10 | 276.10 | 39.00 | 178.80 | 84.94 | 749.30 | 374.65 | 40.00 | 22.00 |
| | inch | | 15.25 | 20.50 | 6.00 | 9.38 | 10.87 | 10.87 | 1.53 | 7.04 | 3.34 | 29.50 | 14.75 | 1.57 | 0.87 |
| G700 | mm | | 434.98 | 596.90 | 177.80 | 254.00 | 301.50 | 301.50 | 45.01 | 199.82 | 89.83 | 812.80 | 406.40 | 45.00 | 22.00 |
| | inch | | 17.13 | 23.50 | 7.00 | 10.00 | 11.87 | 11.87 | 1.77 | 7.87 | 3.54 | 32.00 | 16.00 | 1.77 | 0.87 |
| G920 | mm | | 493.78 | 622.30 | 200.91 | 260.35 | 317.50 | 317.50 | 51.99 | 226.07 | 99.85 | 914.40 | 457.20 | 50.00 | 25.00 |
| | inch | | 19.44 | 24.50 | 7.91 | 10.25 | 12.50 | 12.50 | 2.05 | 8.90 | 3.93 | 36.00 | 18.00 | 1.97 | 0.98 |

| Reducer | Size | Units | L | LA | LB | N | NA | U | UA | W | WA | Weight | Units |
|---------|------|-------|---------|--------|--------|--------|--------|-----------------|-----------------|--------|--------|--------|-------|
| G100 | mm | | 1128.27 | 497.70 | 304.80 | 233.93 | 186.12 | 170 m6 | 80 m6 | 476.25 | 193.55 | 1652 | kg |
| | inch | | 44.42 | 19.59 | 12.00 | 9.21 | 7.33 | 6.6940 ± 0.0005 | 3.1469 ± 0.0005 | 18.75 | 7.62 | 3642 | lbs |
| G150 | mm | | 1254.00 | 544.41 | 330.24 | 256.03 | 170.18 | 190 m6 | 85 m6 | 548.12 | 234.95 | 2244 | kg |
| | inch | | 49.37 | 21.43 | 13.00 | 10.08 | 6.70 | 7.4800 ± 0.0005 | 3.3474 ± 0.0005 | 21.58 | 9.25 | 4947 | lbs |
| G210 | mm | | 1400.18 | 634.96 | 361.95 | 292.10 | 192.79 | 215 m6 | 95 m6 | 595.38 | 268.22 | 3102 | kg |
| | inch | | 55.13 | 25.00 | 14.25 | 11.50 | 7.59 | 8.4658 ± 0.0005 | 3.7411 ± 0.0005 | 23.44 | 10.56 | 6838 | lbs |

MagnaGear XTR[®] gear reducers

Dimension drawings – parallel

Sizes G1400, G2100 and G3500 – two stage – solid output shaft



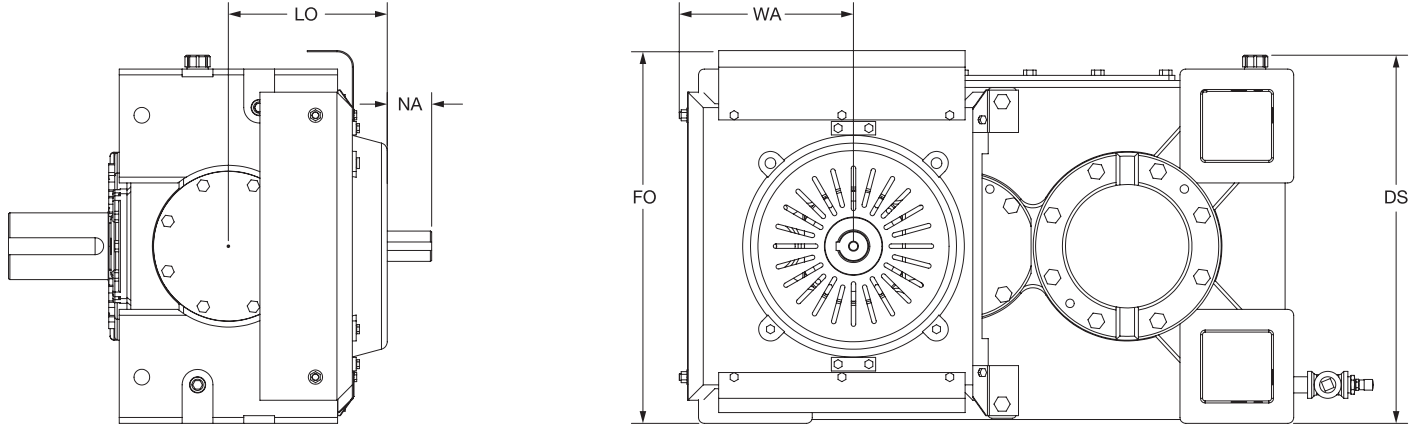
| Reducer | Size | Units | B | BA | C | D | DA | DB | DC | E | F | FA | H | HA | K | KA |
|---------|------|-------|--------|--------|---------|--------|--------|--------|--------|-------|--------|--------|---------|--------|-------|-------|
| G1400 | mm | | 650.00 | 775.00 | 1514.00 | 532.00 | 204.00 | 260.00 | 204.00 | 45.00 | 261.80 | 105.80 | 1197.90 | 610.00 | 55.90 | 27.90 |
| | inch | | 25.59 | 30.51 | 59.61 | 20.94 | 8.03 | 10.24 | 8.03 | 1.77 | 10.31 | 4.17 | 47.16 | 24.02 | 2.20 | 1.10 |
| G2100 | mm | | 724.00 | 864.00 | 1680.00 | 597.00 | 230.00 | 260.00 | 230.00 | 51.00 | 292.00 | 115.90 | 1428.50 | 710.00 | 62.90 | 27.90 |
| | inch | | 28.50 | 34.02 | 66.14 | 23.50 | 9.06 | 10.24 | 9.06 | 2.01 | 11.50 | 4.56 | 56.24 | 27.95 | 2.48 | 1.10 |
| G3500 | mm | | 845.00 | 973.00 | 2180.00 | 796.00 | 310.00 | 325.00 | 310.00 | 51.00 | 344.80 | 147.80 | 1667.80 | 889.50 | 79.90 | 36.00 |
| | inch | | 33.27 | 38.31 | 85.83 | 31.34 | 12.20 | 12.80 | 12.20 | 2.01 | 13.58 | 5.82 | 65.66 | 35.02 | 3.15 | 1.42 |

| Reducer | Size | Units | L | LA | LB | M | N | NA | U | UA | W | WA | Weight | Units |
|---------|------|-------|---------|---------|--------|-------|--------|--------|----------|----------|---------|--------|--------|-------|
| G1400 | mm | | 1517.00 | 821.00 | 419.10 | 46.20 | 308.80 | 179.70 | 250.0330 | 100.0250 | 998.00 | 369.30 | 3950 | kg |
| | inch | | 59.72 | 32.32 | 16.50 | 1.82 | 12.16 | 7.07 | 9.8437 | 3.9482 | 39.29 | 14.54 | 8708 | lbs |
| G2100 | mm | | 1700.00 | 920.00 | 495.30 | 58.50 | 304.00 | 194.00 | 280.0330 | 110.0250 | 1111.00 | 401.30 | 6030 | kg |
| | inch | | 66.93 | 36.22 | 19.50 | 2.30 | 11.97 | 7.64 | 11.0248 | 4.3319 | 43.74 | 15.80 | 13294 | lbs |
| G3500 | mm | | 1922.00 | 1025.00 | 584.20 | 60.00 | 495.00 | 212.70 | 330.0000 | 140.0000 | 1326.80 | 600.30 | 9554 | kg |
| | inch | | 75.67 | 40.35 | 23.00 | 2.36 | 19.49 | 8.37 | 12.9921 | 5.5118 | 52.24 | 23.63 | 21063 | lbs |

MagnaGear XTR® gear reducers

Dimension drawings – parallel

Sizes G100 through G920 – mechanical shaft fans



Double reduction

| Reducer | Size | Units | NA | LO | WA | FO | DS | Weight | Units |
|---------|------|-------|--------|--------|--------|--------|--------|--------|-------|
| G100 | mm | | 53.85 | 225.55 | 279.40 | 536.45 | 543.56 | 7 | kg |
| | inch | | 2.12 | 8.88 | 11.00 | 21.12 | 21.40 | 17 | lbs |
| G150 | mm | | 73.41 | 261.87 | 287.27 | 612.90 | 607.06 | 8 | kg |
| | inch | | 2.89 | 10.31 | 11.31 | 24.13 | 23.90 | 18 | lbs |
| G210 | mm | | 80.26 | 276.61 | 339.85 | 666.75 | 670.56 | 10 | kg |
| | inch | | 3.16 | 10.89 | 13.38 | 26.25 | 26.40 | 23 | lbs |
| G285 | mm | | 103.89 | 286.00 | 368.05 | 742.95 | 727.71 | 12 | kg |
| | inch | | 4.09 | 11.26 | 14.49 | 29.25 | 28.65 | 26 | lbs |
| G390 | mm | | 76.20 | 305.05 | 369.57 | 774.70 | 778.51 | 14 | kg |
| | inch | | 3.00 | 12.01 | 14.55 | 30.50 | 30.65 | 31 | lbs |
| G525 | mm | | 118.87 | 544.07 | 376.68 | 781.05 | 773.68 | 16 | kg |
| | inch | | 4.68 | 21.42 | 14.83 | 30.75 | 30.46 | 36 | lbs |
| G600 | mm | | 106.43 | 367.54 | 403.86 | 883.92 | 873.76 | 18 | kg |
| | inch | | 4.19 | 14.47 | 15.90 | 34.80 | 34.40 | 40 | lbs |
| G700 | mm | | 116.84 | 581.66 | 432.56 | 838.20 | 842.01 | 22 | kg |
| | inch | | 4.60 | 22.90 | 17.03 | 33.00 | 33.15 | 48 | lbs |
| G920 | mm | | 123.95 | 609.60 | 454.15 | 939.80 | 942.34 | 24 | kg |
| | inch | | 4.88 | 24.00 | 17.88 | 37.00 | 37.10 | 53 | lbs |

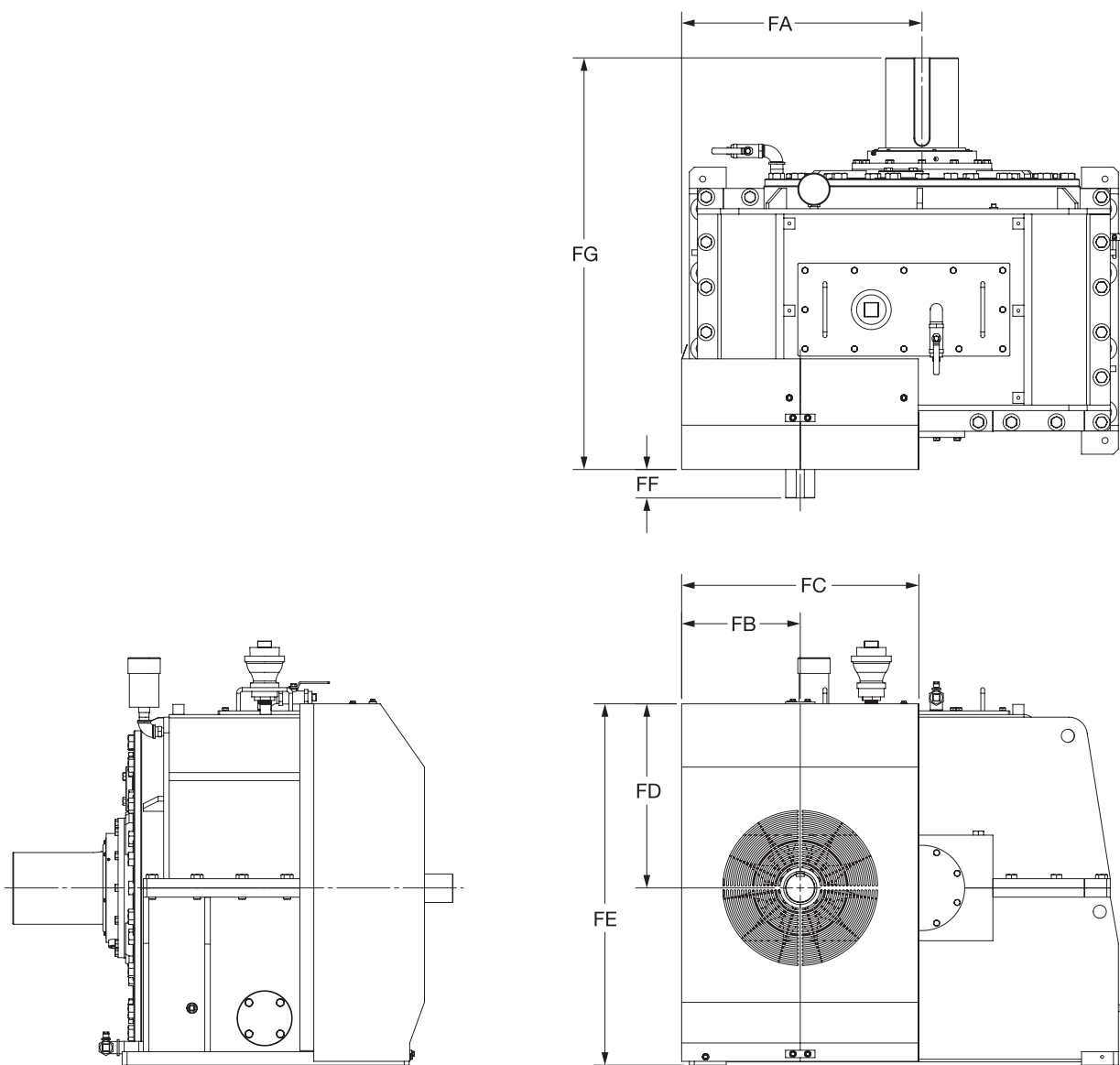
Triple reduction

| Reducer | Size | Units | NA | LO | WA | FO | DS | Weight | Units |
|---------|------|-------|--------|--------|--------|--------|--------|--------|-------|
| G100 | mm | | 39.62 | 224.54 | 148.84 | 536.45 | 543.56 | 7 | kg |
| | inch | | 1.56 | 8.84 | 5.90 | 21.12 | 21.40 | 15 | lbs |
| G150 | mm | | 75.69 | 250.70 | 152.40 | 593.85 | 607.06 | 7 | kg |
| | inch | | 2.98 | 9.87 | 6.00 | 23.38 | 23.90 | 17 | lbs |
| G210 | mm | | 72.14 | 264.67 | 179.58 | 663.70 | 670.56 | 10 | kg |
| | inch | | 2.84 | 10.42 | 7.10 | 26.13 | 26.40 | 21 | lbs |
| G285 | mm | | 76.71 | 283.46 | 189.23 | 733.55 | 727.71 | 11 | kg |
| | inch | | 3.02 | 11.16 | 7.50 | 28.88 | 28.65 | 24 | lbs |
| G390 | mm | | 51.82 | 304.80 | 183.39 | 778.00 | 778.51 | 13 | kg |
| | inch | | 2.04 | 12.00 | 7.20 | 30.63 | 30.65 | 28 | lbs |
| G525 | mm | | 108.71 | 348.49 | 210.82 | 881.38 | 773.68 | 17 | kg |
| | inch | | 4.28 | 13.72 | 8.30 | 34.70 | 30.46 | 37 | lbs |
| G600 | mm | | 106.43 | 367.54 | 403.86 | 883.92 | 873.76 | 18 | kg |
| | inch | | 4.19 | 14.47 | 15.90 | 34.80 | 34.40 | 40 | lbs |

MagnaGear XTR[®] gear reducers

Dimension drawings – parallel

Sizes G1400 and G2100 – mechanical shaft fans

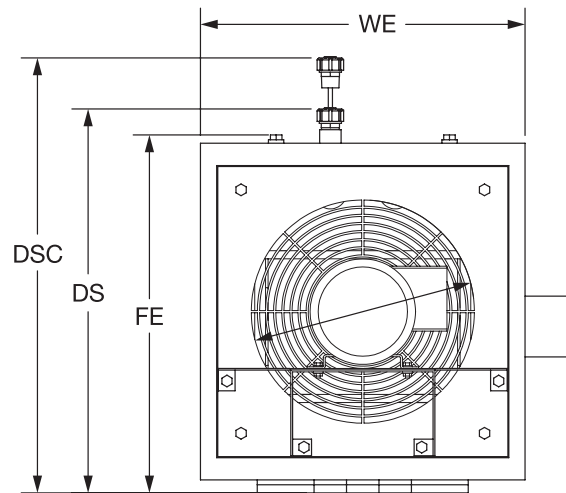
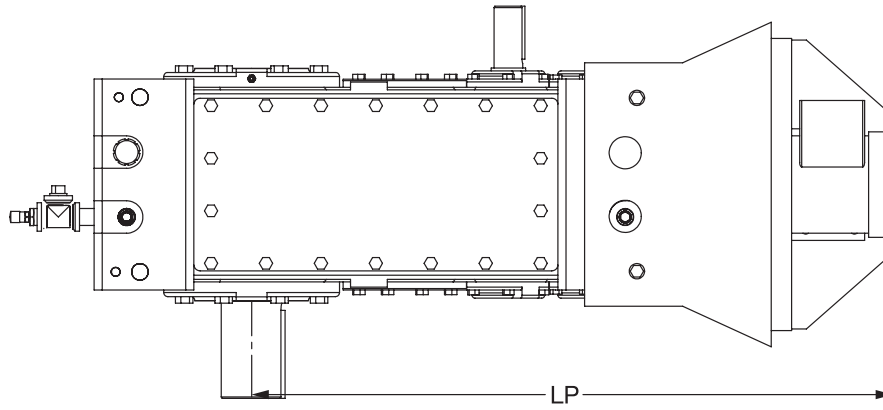


| Reducer | | | | | | | | | | |
|---------|-------|--------|--------|--------|--------|---------|--------|---------|--------|-------|
| Size | Units | FA | FB | FC | FD | FE | FF | FG | Weight | Units |
| 1400 | mm | 828.00 | 408.00 | 817.00 | 634.00 | 634.00 | 184.00 | 1417.00 | 28 | kg |
| | inch | 32.58 | 16.08 | 32.15 | 24.95 | 24.95 | 7.25 | 55.79 | 61 | lbs |
| 2100 | mm | 949.00 | 453.00 | 906.00 | 767.00 | 1478.00 | 203.00 | 1559.00 | 41 | kg |
| | inch | 37.35 | 17.85 | 35.68 | 30.20 | 58.17 | 8.00 | 61.40 | 90 | lbs |

MagnaGear XTR[®] gear reducers

Dimension drawings – parallel

Sizes G100 through G920 – electric shaft fans

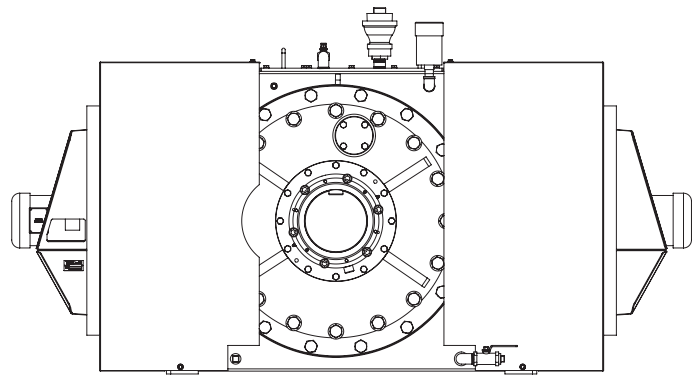
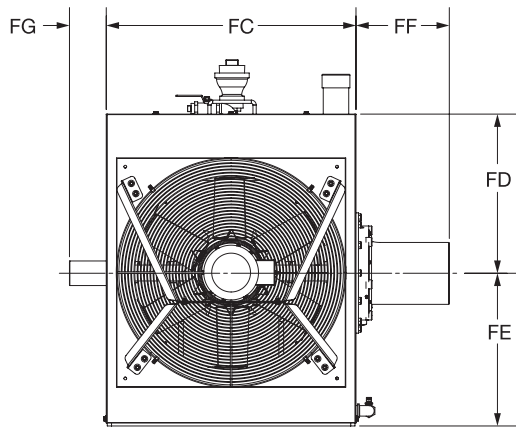
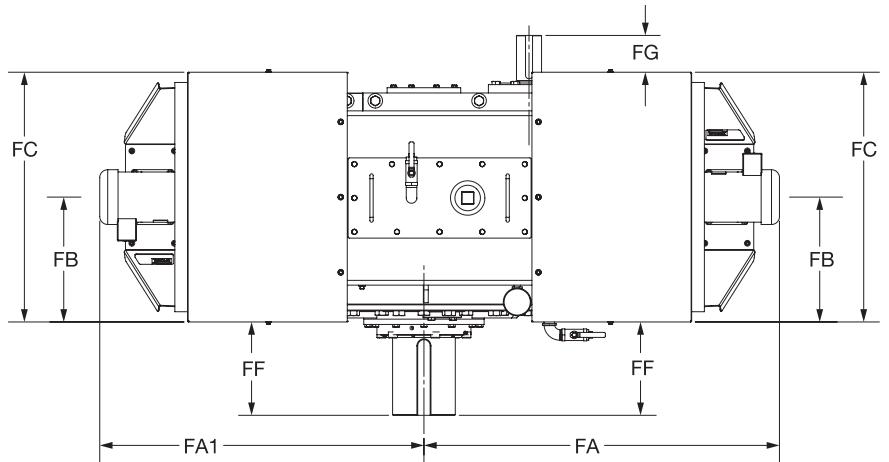


| Reducer Size | Units | Fan diameter | LE | LP | WE | FE | DS | DSC | Weight | Units |
|--------------|-------|--------------|---------|---------|--------|--------|---------|--------|--------|-------|
| G100 | mm | 355.60 | 614.68 | 1003.30 | 508.00 | 558.80 | 596.90 | 457.20 | 23 | kg |
| | inch | 14.00 | 24.20 | 39.50 | 20.00 | 22.00 | 23.50 | 18.00 | 50 | lbs |
| G150 | mm | 406.40 | 644.65 | 1076.96 | 558.80 | 647.70 | 642.62 | 488.95 | 25 | kg |
| | inch | 16.00 | 25.38 | 42.40 | 22.00 | 25.50 | 25.30 | 19.25 | 55 | lbs |
| G210 | mm | 406.40 | 683.26 | 1191.26 | 558.80 | 688.34 | 706.12 | 541.02 | 27 | kg |
| | inch | 16.00 | 26.90 | 46.90 | 22.00 | 27.10 | 27.80 | 21.30 | 60 | lbs |
| G285 | mm | 406.40 | 668.02 | 1211.58 | 558.80 | 762.00 | 782.32 | 558.80 | 29 | kg |
| | inch | 16.00 | 26.30 | 47.70 | 22.00 | 30.00 | 30.80 | 22.00 | 65 | lbs |
| G390 | mm | 457.20 | 609.60 | 1168.40 | 593.85 | 819.15 | 838.20 | 635.00 | 32 | kg |
| | inch | 18.00 | 24.00 | 46.00 | 23.38 | 32.25 | 33.00 | 25.00 | 70 | lbs |
| G525 | mm | 609.60 | 1051.56 | 1184.91 | 838.20 | 845.82 | 774.70 | 558.80 | 51 | kg |
| | inch | 24.00 | 41.40 | 46.65 | 33.00 | 33.30 | 30.50 | 22.00 | 112 | lbs |
| G600 | mm | 508.00 | 749.30 | 1371.60 | 0.00 | 883.92 | 904.24 | 685.80 | 54 | kg |
| | inch | 20.00 | 29.50 | 54.00 | 0.00 | 34.80 | 35.60 | 27.00 | 120 | lbs |
| G700 | mm | 609.60 | 1088.39 | 1254.25 | 838.20 | 850.90 | 906.78 | 711.20 | 54 | kg |
| | inch | 24.00 | 42.85 | 49.38 | 33.00 | 33.50 | 35.70 | 28.00 | 118 | lbs |
| G920 | mm | 609.60 | 1279.65 | 1412.24 | 838.20 | 970.28 | 1003.30 | 685.80 | 59 | kg |
| | inch | 24.00 | 50.38 | 55.60 | 33.00 | 38.20 | 39.50 | 27.00 | 129 | lbs |

MagnaGear XTR[®] gear reducers

Dimension drawings – parallel

Sizes G1400, G2100 and G3500 – electric fans

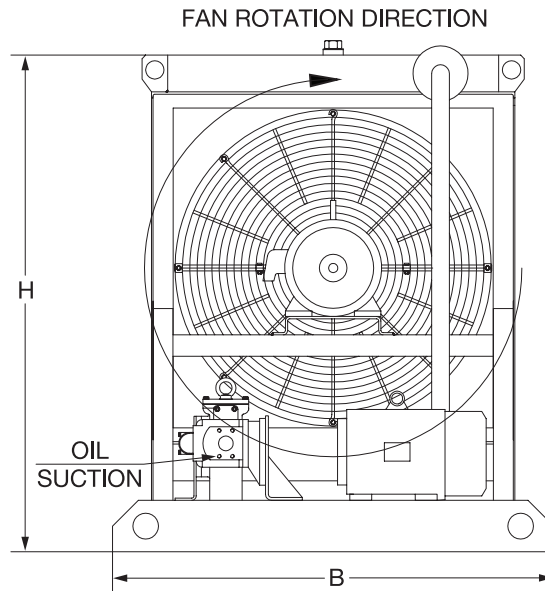
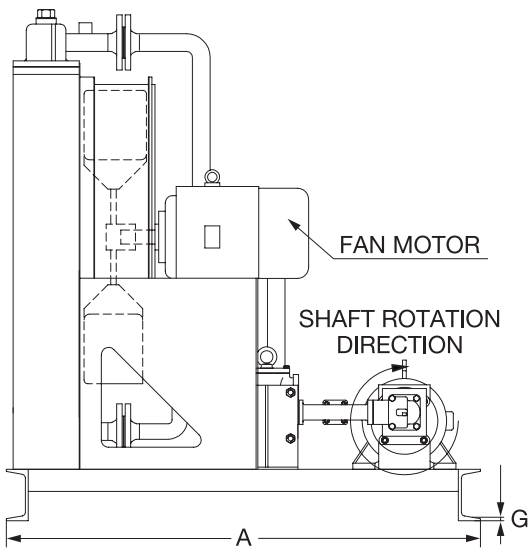
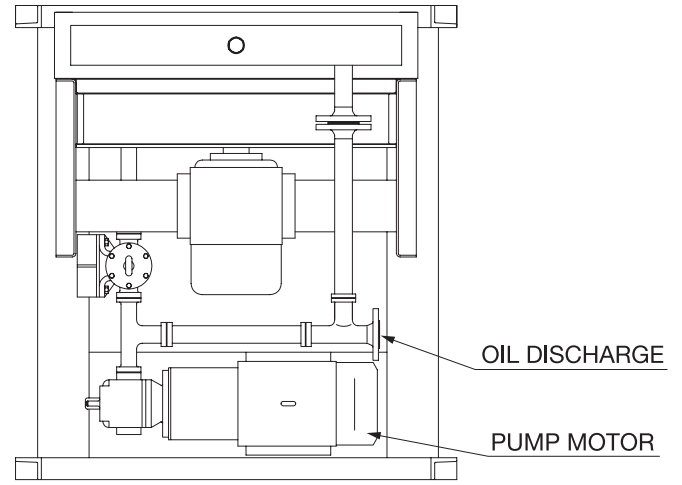


| Reducer | | Fan | | | | | | | | | | |
|---------|-------|----------|---------|---------|--------|---------|--------|--------|--------|--------|--------|-------|
| Size | Units | diameter | FA | FA2 | FB | FC | FD | FE | FF | FG | Weight | Units |
| G1400 | mm | 762.00 | 1418.08 | 1293.11 | 498.09 | 995.93 | 634.75 | 609.09 | 372.36 | 146.81 | 117 | kg |
| | inch | 30.00 | 55.83 | 50.91 | 19.61 | 39.21 | 24.99 | 23.98 | 14.66 | 5.78 | 259 | lbs |
| G2100 | mm | 914.40 | 1754.12 | 1674.11 | 554.99 | 1109.98 | 766.83 | 709.93 | 405.38 | 166.12 | 142 | kg |
| | inch | 36.00 | 69.06 | 65.91 | 21.85 | 43.70 | 30.19 | 27.95 | 15.96 | 6.54 | 312 | lbs |
| G3500 | mm | 1066.80 | 2011.93 | 1931.92 | 661.92 | 1324.10 | 902.21 | 889.00 | 600.96 | 252.98 | 169 | kg |
| | inch | 42.00 | 79.21 | 76.06 | 26.06 | 52.13 | 35.52 | 35.00 | 23.66 | 9.96 | 372 | lbs |

MagnaGear XTR[®] gear reducers

Dimension drawings – parallel

Sizes G100 through 3500 – heat exchangers



| Cooling System | Units | A | B | H | G | Weight | Units |
|----------------|-------|---------|---------|---------|-------|--------|-------|
| 966236 | mm | 1260.00 | 890.00 | 1024.00 | 13.20 | 240 | kg |
| | inch | 49.61 | 35.04 | 40.31 | 0.52 | 529 | lbs |
| 966237 | mm | 1364.00 | 1020.00 | 1154.00 | 13.20 | 430 | kg |
| | inch | 53.70 | 40.16 | 45.43 | 0.52 | 948 | lbs |
| 966238 | mm | 1290.00 | 1200.00 | 1351.00 | 13.20 | 520 | kg |
| | inch | 50.79 | 47.24 | 53.19 | 0.52 | 1147 | lbs |
| 966239 | mm | 1340.00 | 1360.00 | 1474.00 | 13.20 | 650 | kg |
| | inch | 52.76 | 53.54 | 58.03 | 0.52 | 1433 | lbs |
| 966240 | mm | 1554.00 | 1540.00 | 1632.00 | 13.20 | 830 | kg |
| | inch | 61.18 | 60.63 | 64.25 | 0.52 | 1830 | lbs |
| 966241 | mm | 1710.00 | 1780.00 | 1866.00 | 13.20 | 960 | kg |
| | inch | 67.32 | 70.08 | 73.46 | 0.52 | 2117 | lbs |

MagnaGear XTR[®] gear reducers

Notes

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Notes

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